POPULAR BOATING

SPECIAL BOAT SHOW AND DIRECTORY ISSUE

WORLD'S LARGEST SELLING BOATING MAGAZINE

FEBRUARY
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JAN 27 1958

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POPULAR BOATING

A ZIFF-DAVIS PUBLICATION

FEBRUARY, 1958

VOLUME 3, NUMBER 2

THE MAGAZINE FOR BETTER BOATING

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Cover photograph taken at the New York National Motor Boat Show by Harvey Shaman on 35mm Anscochrome with Nikon, F2.8 35mm Biogon lens, F2.8 at 1/15th sec.

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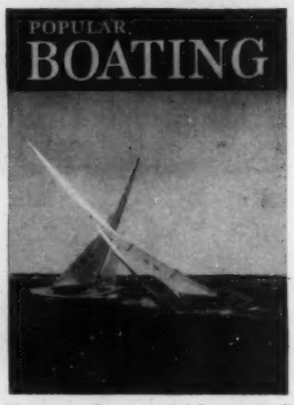
NEXT MONTH



Next month a special feature will describe the newest outboard cruisers, P-B's power racing honor roll will be announced, and the thrill of ice-boating will be among the special articles and the regular department columns.

ZIFF-DAVIS PUBLISHING CO., One Park Ave., New York 16, N. Y. William Ziff, President; H. J. Morganroth, Vice President; Michael H. Froelich, Vice President; Michael Michaelson, Vice President and Circulation Director; George Carney, Secretary-Treasurer; Albert Gruen, Art Director.

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You get both with Texaco Sky Chief Marine gasoline

WHEN you switch from an old-fashioned low-octane gasoline (which requires retarded spark) to Texaco Sky Chief Marine – you can see the difference right on your tachometer. Particularly with the new high-compression engines, Sky Chief Marine gives you more rpm's.

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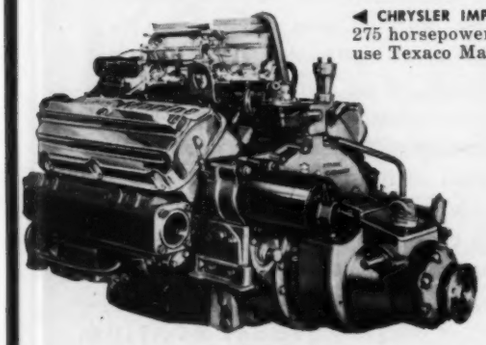

◀ **CHRYSLER IMPERIAL V-275 MARINE ENGINE** delivers 275 horsepower. Modern high-horsepower engines use Texaco Marine products for top performance.

STEER FOR THE TEXACO STAR ▶ at the big motorboat shows. At New York, January 17-26, see Texaco Booth C-185. At Chicago, February 7-16, Booths 1056-1057. At Miami, February 21-26, Booths 84-85.

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fun

for the whole "crew"

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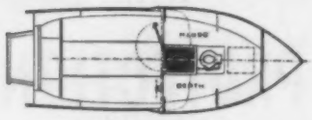
The *Sportster* and the *Yachtster* cruise safely at over 40 m.p.h., plane easily with motors of from 16—100 h.p. They're dry-running even in rough seas—ideal for skiing

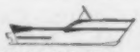


Plan View of Yachtster

or other water sports. Marine mahogany plywood and white oak construction; brass bronze and Monel fastenings.

Your choice of eight attractive colors, or 56 two-tone combinations at modest extra cost. See your dealer for a free demonstration ride, or write for free Shelcraft literature.

Shelcraft Sportster



Shelcraft Yachtster

Shelcraft Twenty-Two

Shelcraft

CABIN CRUISERS

15th and Crosby Streets
Dept. P, Chester, Pennsylvania

FROM THE EDITOR—

THIS month our popular New & Nautical department has expanded to become the most complete pleasure boating directory of its type ever prepared. With nearly 1,000 more listings and illustrations than last year, we have tried to present the world's most comprehensive boat show in one issue, and a handbook for your reference throughout the coming year.

The marine industry of America has done an outstanding job in creating and improving the products we shall be using afloat during 1958. Both boats and accessories will require less maintenance and provide more trouble-free hours of pleasure on the water. New applications of plastics, metal alloys, and bonded wood will aid the boatman. Basic wood, fiberglass, and metal hulls are much the same, but the way new craft are finished and the fittings employed show improvements which will save the boatman both time and money. The cost of going boating this year should be about the same as last, or slightly less, and more fun should be had by all.

Higher speeds over the water will be possible this year, and the family boat can now be powered to go farther faster and pull more water skiers. In this issue we present some of the fastest craft, and report on a new high powered runabout in our continuing series of boat tests.

To handle more horsepower, the trend in outboard hulls is toward the higher transom cutout of 20 inches, rather than 15, for the longer shaft motors. It is a trend toward more safety, and one which more boat builders will have to join if they want a part of the higher horsepower market.

But with the increase in speed comes the responsibility of the boatman to use it wisely and solely in unrestricted areas. Only in this way can we prevent accidents and legislation, as a result, which could become unduly restrictive.

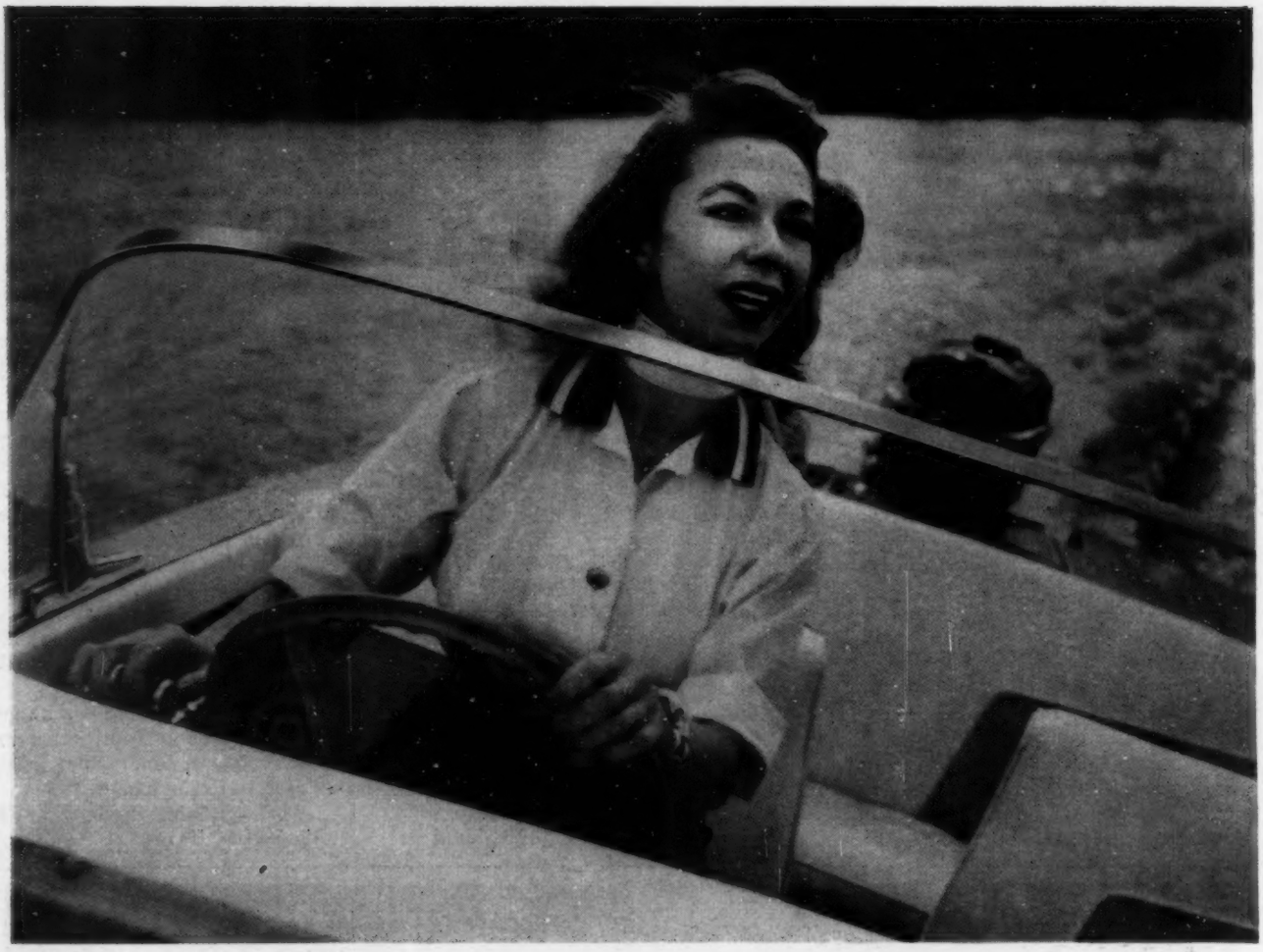
Progress on the problems of numbering all boats and properly supervising our waterways for maximum safety but minimum interference with law-abiding boatmen has taken a long step forward. Members of the Congressional Bonner Committee and the Coast Guard have met with representatives of the Council of State Governments, and it now appears that individual states will be able to use the bill developed by the committee as a model for similar uniform and moderate legislation to be passed by them. Instead of a wide variety of laws like those enacted during the early years of the automobile, sensible and compatible state and Federal boating legislation is likely to result from the fine and extensive hearings held by Representative Bonner and his fellow congressmen.

Another result occurred in December when the Secretary of the Treasury called a Small Boat Safety Conference in Washington. Attended by the U. S. Coast Guard, members of the marine industry, and representatives of America's pleasure boatmen, including this magazine, the meetings examined the problems of better education for newcomers to boating, as well as equipment regulations and construction standards. The need for ways to insure the successful continued growth of our sport have finally been recognized.

One of pleasure boating's valuable educational organizations, the U. S. Coast Guard Auxiliary, is discussed in this issue. Like the United States Power Squadrons, reported on last month, it is a name which should be highly regarded by all boatmen for its contributions to the sport. Other organizations which deserve special recognition are the Outboard Boating Club of America, the American Power Boat Association, the National Outboard Association, the American Yachtsmen's Association, the National Boating Association, and the North American Yacht Racing Union. All are open for membership to boatmen who meet requirements that include active interest in the welfare of various phases of the sport; all are working constantly to make boating under power and sail more rewarding for boatmen everywhere.

Many exciting new products for boatmen will make their appearance during the coming year. One that we know of is a transistorized converter that will operate off a 12-volt battery supply, making it possible to use regular household appliances, even on outboard boats. This and many other new products will be covered in POPULAR BOATING during the coming months.

—WM. TAYLOR MCKEOWN



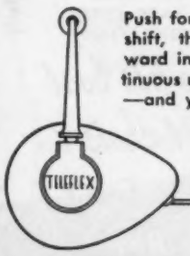
Now... full power controls

New HELMSMAN* "power concept" puts full power at the helm in inboards and outboards . . .

Another amazing HELMSMAN* innovation!

the remarkable mechanical

SINGLE-LEVER THROTTLE AND SHIFT CONTROL



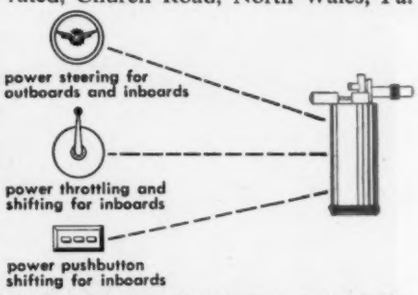
Push forward—and you shift, then throttle forward in one, easy, continuous motion. Pull back—and you do the same in reverse. You can even "rev" the motor on starting by pushing lever down in neutral position.

No more straining of every muscle at the wheel. Throttling and shifting with *one* easy lever. Or, even at the touch of a fingertip. Yes, boating can give you extra pleasure now . . . when you've put the remarkable new HELMSMAN* "power concept" aboard.

Now, even the tiny lady sailor (or that young apprentice seaman at your side) can spin the biggest, highest horsepower motor with a little finger. New HELMSMAN *full power* controls are revolutionizing small boat handling—just the same way that power steering and power brakes have revolutionized handling of your car.

Beauty of the full line of HELMSMAN full power precision controls is the *instantaneous response* you feel. Steering, shifting, throttling—your lightest touch is your command. Installation? A snap for any weekend sailor, using the easy "wrench and screwdriver" method! HELMSMAN control kits come complete with all hardware, fittings, and no-stretch flexible cable-in-conduit. At your dealer's. Or WRITE: Teleflex Incorporated, Church Road, North Wales, Pa.

* Trademark



HELMSMAN electro-mechanical power pack actuating mechanism supplies the "muscle" for turning the motor or rudder, for shifting, or for throttling. Muscle is flexed by steering wheel, shift and throttle lever, or dash-mounted pushbutton shift control.

TELEFLEX HELMSMAN® CONTROLS

POWER STEERING • POWER SHIFTING AND THROTTLING • POWER PUSHBUTTON SHIFT • SINGLE-LEVER MECHANICAL THROTTLE AND SHIFT CONTROLS

READERS REPORT:

OLD—AND GOOD

To the Editor:

As a footnote to the January P-B article on designer Clinton Crane, it might be interesting to add that Mr. Crane is the designer of what seems to

be the oldest one-design class still in active racing condition.

In 1900 and the following few years, 12 Idem class sloops, designed by Mr. Crane, were delivered to members of the St. Regis Yacht Club for racing on Upper St. Regis Lake, New York. All 12 of these boats are still registered with the club, and every season at least four Idems can be counted on to enter our August Series, Handicap Race, and Labor Day Race. Enclosed is a recent photo of an Idem.

Regard for the truth forces me to confess that occasionally these Idems defeat even our smart new Ravens. As a Raven skipper, this admission comes hard.

John B. Trevor, Jr.
Vice-Commodore,
St. Regis Yacht Club

FOUR-LETTER WORDERS

First, congratulations to P-B for providing sail, outboard, and inboarders with a fine publication. I'm a steady cover-to-cover reader.

I always read the "I learned about boating from that" features for the helpful information they contain, but in the November piece I was only able to determine that A—Mr. Ahlbum had taken a sailboat cruise, B—somebody goofed, and C—Mr. Ahlbum got busted in the shoot. Now I'm sure Mr. Ahlbum is a good writer and deep-water skipper, but he didn't get his story across to this Mid-West shallow water outboarder.

For two years I have skippered the 18-foot outboard cruiser I built, cruised the Ohio River and Kentucky Lake, and have had considerable experience, but I don't know a forestays'l halliard from a slacklee shroud. Let me make an appeal from us four-letter-word outboarders for your ole' salty sea dogs to decode some of that deep water lingo.

C. Kent Brown
Jeffersonville, Ind.

LAY-AWAY DREAMBOAT

For many years my boat has been, I'm afraid, purely a "dream boat." Having been raised on Chesapeake Bay, I've been around boats much of my life, but since World War II I've been traveling around the world with the U. S. Air Force. When I retire I'd like to have a good family cruiser and I don't want to have to start at the bottom with a 10-foot skiff.

Are there any boat manufacturers or dealers who will put a boat on lay-away for a few years? With a wife and three children, I couldn't possibly afford the type of boat I want either now or when I retire unless I can pay for it over a long period, perhaps paying a little money each month to the boat builder toward the boat. I could let the regular payments accumulate for three or four years and then decide on the particular boat desired.

The boat I have in mind is a family cruiser sleeping about four, either inboard or outboard, small galley, preferably over 30-feet in length.

Robert W. Paul, Major, USAFR
Big Spring, Texas

SEA BREEZE-19
Tough, Trim
and Tantalizing . . .
everything a day
cruiser should be.

SEA BREEZE-27
Heavy and Handsome
The heaviest, strongest,
most ruggedly built 27' yacht
available today.

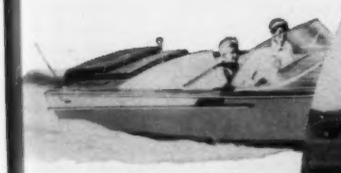
BIMINI-22
For Fun In The Sun . . .
for fishin' or
just foolin' around.

BIMINI-19
Deepwater Debutante . . .
go fishin', go cruisin', go Trojan.

BIMINI-19

TRULY GREAT... FOR '58...

Trojan BOATS



SKI BEE-15

SEA BREEZE-22

SEA QUEEN-15
For the Young and the
Young In Heart . . .
take her wherever you go.

SKI BEE-15
Just For Fun . . .
a water skier's dreamboat.

All new and designed just the way you asked for them, the 1958 Trojan boats again this year give you more for family fun afloat. You get more power options . . . more models to choose from . . . and more famous Trojan *value* than ever before in this glamorous new line of cruisers, day cruisers and runabouts, both inboard and outboard! See them on display at all leading national boat shows and at your nearest Trojan dealers.

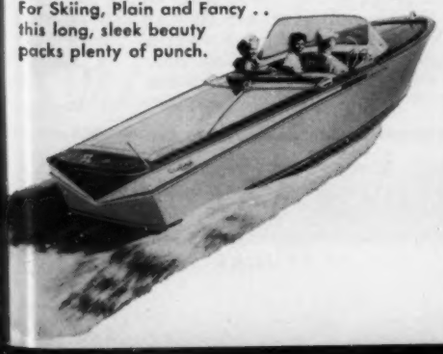
Trojan BOAT COMPANY

Write for complete information on the model of your choice today.

LANCASTER 20, PENNA.

SEA BREEZE-22
Still . . . America's No. 1 Family Cruiser!
More boat per dollar than any cruiser of its type
or class presently available.

SKI BEE-18
For Skiing, Plain and Fancy . .
this long, sleek beauty
packs plenty of punch.

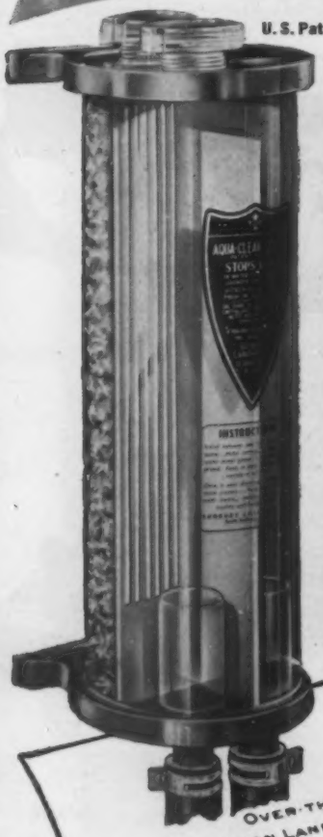


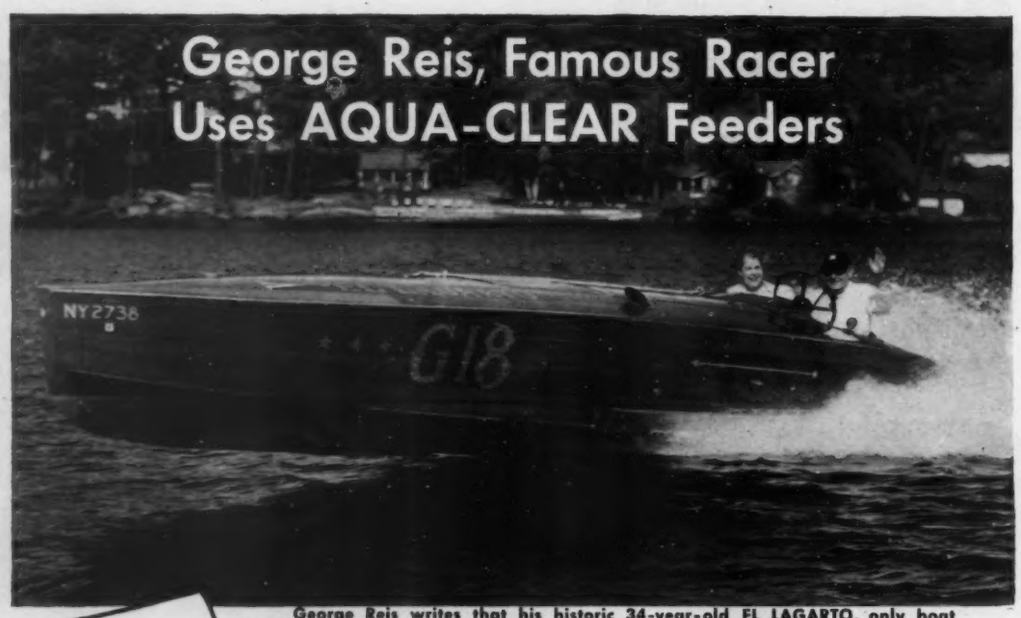
MARLIN-15
Fisherman's Friend . . .
ready to zip you from one
likely spot to another.

MARLIN-17
Stop Wishin' . . .
Go Fishin' . . .
the answer to every
fisherman's prayer.

SUDBURY PRODUCTS Better Boating for

U. S. Patent No. 2,745,550





George Reis writes that his historic 34-year-old EL LAGARTO, only boat ever to win the Gold Cup three years in a row, is kept going strong with AQUA-CLEAR Feeders. Also uses them on his 450 HP. Reis-Menasco. Says they're life-savers—and "I am more than satisfied with AQUA-CLEAR Feeders."

OVER-THE-WATER
BOLTON LANDING NEW YORK

Feb. 25, 1957

Sudbury Laboratory
South Sudbury
Mass.

Gentlemen:

I have been using three of your Aqua Clear Feeders for the past two years. On the Reis-Menasco 450 HP. we use one Feeder on each bank of six cylinders. These cylinders are steel sleeves with aluminum water jackets. I ran into a great deal of trouble and expense having to replace the assemblies due to excessive corrosion which rusted thru the cylinder walls. I am most happy to say that after two seasons the cylinders and over flow water is clear of rust and I believe the Feeders have licked our troubles.

The third Feeder is used on a Packard Gold Cup Motor. I have this motor in my famous old EL LAGARTO (the only three in a row Gold Cup winner) and believe it or not after 34 years she still is going strong. The Packard has individual cylinders with paper thin steel jackets which after a very short time would develop pinhole water leaks. The Aqua Clear Feeder has been a life saver and gives us many many more hours of no-leak service.

I am more than satisfied with the Aqua Clear Feeders and know that I never made a better investment.

Sincerely yours,

George C. Reis

AQUA-CLEAR Feeders

DOUBLE the Life of Marine Engines

COOL DIRECT WITH RAW SEA WATER
YET PREVENT RUST, CORROSION, SALTING DOWN

Marine engines don't wear out—they rust out! But our famous AQUA-CLEAR Feeder stops this! Keeps new engines from ever rusting—makes old engines last years longer. Cool with raw sea water this simple, economical way with absolute freedom from invisible engine corrosion. Makes all water entering the cooling system completely non-corrosive; protects all metal parts—water pump, oil cooler, manifold, water jackets, cylinder heads, etc. Improves heat transfer; prevents clogged water passages. One-piece welded clear lucite, requires no maintenance. AQUA-CLEAR's rugged construction, patented design and simplicity of operation eliminates trouble.

OVER 40,000 NOW IN USE ON ALL KINDS OF CRAFT

Better and Cheaper than Closed Cooling

No need for cumbersome heat exchangers, expansion tanks, complicated piping, extra pumps. No moving parts to wear out or break down. No gaskets to leak; no bolts to loosen. Simple and easy to install, just insert between seacock and water pump. No extra holes through hull, no need to haul boat. Cost only about $50.00 for most engines. Don't risk 20 times that amount from corrosion damage in your engine.

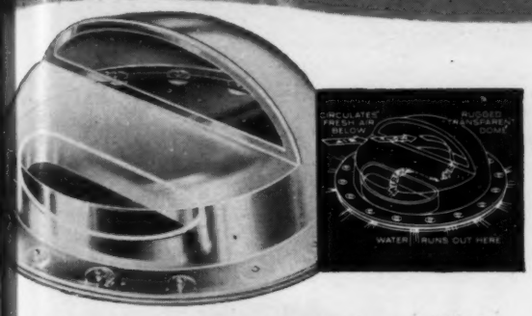
Made For All Marine Engines Gas or Diesel

Model 3A for 20 to 74 hp. $39.95
Model 4B for 75 to 145 hp. $49.95
Model 6C for 150 to 250 hp. $89.95
Write for Prices on Larger Sizes

SUDBURY Laboratory

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER A QUARTER

You thru Sudbury Research



Transparent SKY-VENT U. S. Patent No. 2,711,126

Lets Light & Air In—Keeps Rain, Spray Out!

The only ventilator that admits air and light continuously, yet keeps out rain and spray no matter how bad the weather! No musty odors, no dampness even with all hatches closed. Cabin stays fresh, sweet and dry at all times. Transparent, lets sun and light into cabin, galley, head. Smooth, streamline dome can't foul lines. No metal to rust, corrode or polish. 9 in. dia. **$34.95**; 12 in. **$59.95**; 18 in. **$89.95**

LIFETIME BOAT FENDERS—The only Fender that protects gunwale and topsides. Can't slip down to leave rails unprotected. Lightweight, floats. Holds shape, never mildews, scratches; never mars paint. Can't waterlog, stain or wear. Frosty white PliaFirm, red trim. Model A, 15" long, 2" dia., only **$1.98**. Model B, 17½" x 3½", weighs only 17 oz., **$4.95**

Sudbury's Amazing Transparent Boat

One-Piece "Clear-as-Crystal" Hull

An amazing new experience! Watch everything under water—marine life, shoals, reefs. Mirror-smooth, 100% transparent. Weighs only 44 lb. Easily lifted and stowed on deck, or over hatches. Lets light in. Keeps out rain, spray. Made of rugged Tenite; no caulking, finishing or painting. Mahogany gunwales and seats. Ideal as dinghy or with outboard. Perfect cartop boat. 8 ft. long, 45" beam.

Only **$199.95** F.O.B. Sudbury.

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Non-corrosive, non-electrolytic, ends corrosion and clogging problems. Precision built of lucite. Motor sealed in watertight compartment. Direct drive, no gears or belts. Compact, easy to install. 300 & 600 gal. sizes, 6, 12 or 32 volts. See coupon for prices.

AUTOMATIC BILGE CLEANER

Just pour a little into the bilge and let the roll of the boat do the work. Protection against explosion or fire. Emulsifies any gasoline. Mixes oil, gas, etc. with bilge water—all goes overboard when you pump bilge. Exclusive Mirasol additive kills odor. Cleans all nooks and corners. Non-caustic, non-irritating. Qt. **$1.98**; Gal. **$7.50**

BOAT-ZOAP

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Hot or Cold—Fresh or Salt!

Works miracles even in cold water—hard or soft, fresh or salt! Cleans everything from finest glassware to greasiest engines. Easy on the hands. Wonderful for dishes, clothes, sinks, toilets, woodwork—even bathing. Keeps teak decks white. Quickly takes harbor scum off hull. Removes gull droppings like magic. Pint can **$1.29**

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Keep drinking water always clear, no matter how old or rusty the tank. Odorless, colorless, tasteless. Non-toxic. Stops all rust. Makes tanks last years longer. Avoids heavy replacement cost. Keep new tanks from ever rusting. Has Government approval for ships stores. Use only 1 oz. to 100 gals. of water. You can always have sparkling, fresh, tasty water. Ideal rust inhibitor in closed cooling systems. Pint **$1.98**

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Prevent explosion from dangerous open switches! Multiple-pole switch gives selective control of one, two, or more batteries in starting or recharging. Single-pole for radio, pump, lighting or other circuits. Silver-plated copper contacts cannot corrode; hermetically sealed in bakelite. Multiple-pole **$17.95**; Single-pole **$7.95**

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Redd-Elefant hide casing is corrosion-proof, water-proof, dirt-proof. Permanently lubricated, will not stretch or kink, stainless steel wire. Superior to metal casing. Easier to install. Free, easy action around bends. Chrome-plated brass dash fittings. 7-ft. **$5.50**; 10-ft. **$6.10**; 15-ft. **$7.10**.

Casing and wire complete, 100-ft. rolls, **19c** per ft.

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6v $44.95 12v $46.95 32v $48.95

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Multiple . . **$17.95** Single . . **$7.95**

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10 ft. . . **$6.10** 100 ft. rolls **19c** ft.

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FLAG MAST Die cast metal, heavily chrome plated with chrome flag rings. Removable from light and horn assembly.

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★ easy to build—no previous experience required

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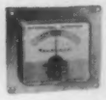

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Here's How

Answers to your boating queries

By JOHN KINGDON

SEAGOING SMELL

"RECENTLY my cruiser began, literally, to stink. There is a foul odor in the cabin that smells a little like cooking gas, but much, much worse. I have carefully checked the bottled-gas lines, the fuel lines and the exhaust system. There are absolutely no leaks.

"The stench is so bad that the cabin is completely untenable. And to make matters worse, the bilge water has lately taken on an ugly dark gray color, the interior paint keeps getting dirtier and dirtier no matter how hard or how often I scrub it, and the copper piping throughout the boat has turned jet black!

"Obviously, some insidious enemy is at work. I am at my wit's end and my wife, who formerly was totally devoted to the boat, now refuses even to step aboard. Can you possibly help me?"

Frank Oliver, Hull, Mass.

The symptoms are unmistakeable. Your enemy is an organism that's called *algae* and looks exactly like a mass of black jelly. You'll find it lurking in some dark, out-of-the-way part of the bilge. Algae usually lives in decaying seaweed, where it thrives and gives off bubbles of noxious, hull-blackening gas. Somehow, perhaps through a small hull leak, some of this algae has found its way aboard your boat, and is now living and multiplying there.

To kill it, pour fresh water into the bilge and then throw several handfulls of copper sulphate crystals into the water. A whitish membrane will form on the algae and it will die. Pump the bilges dry, scrape the dead algae out and cleanse the spot it occupied with one of the various commercially available bilge-cleaning solutions. To be sure the algae will never again get a toehold aboard your boat, repeat the copper sulphate treatment about twice a year.

KEEP COOL

"I want to build an ice chest under the stern seat of my cruiser. I have no idea what kind of insulation to use, etc. Any information you can furnish will be deeply appreciated."

John G. Sehuricht, Alton, Ill.

The basic things needed in any ice chest are the box itself, adequate in-

(*continued on page* 139)

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BOOKLETS

Rules & Regulations for Uninspected Vessels, an excerpt from the Code of Federal Regs. as applicable to boats carrying passengers. U. S. Coast Guard. (193)

Rules & Regulations for Numbering Undocumented Vessels, the official word on registering your boat. U. S. Coast Guard. (194)

Motorboat Safety, an informal booklet on seamanship, safety precautions, and regulations, with illustrations and thought-provoking stories. U. S. Coast Guard. (195)

Motorboats, Minimum Legal Requirements and Suggestions for your Safety and Pleasure, a pamphlet condensing a wealth of valuable information for boatmen. U. S. Coast Guard. (196)

Manual For Lifeboatmen and Able Seamen, Qualified Members of Engine Department, and Tankermen. This book is intended for merchant mariners but contains invaluable information on seamanship, emergency equipment and conduct, first-aid, and proper handling of tools, for all boatmen. U. S. Coast Guard. (197)

Rules to Prevent Collision of Vessels and Pilot Rules for Certain Inland Waters of The Atlantic and Pacific Coasts and of the Coast of the Gulf of Mexico. U. S. Coast Guard. (199)

Pilot Rules for the Great Lakes and their Connecting and Tributary Waters. U. S. Coast Guard. (200)

A **Manual for the Safe Handling of Inflammable and Combustible Liquids.** U. S. Coast Guard. (201)

Nautical Gifts and Gadgets, a catalog of flags and equipment by The Lighthouse Inc. (202)

The Reels of Champions, a catalog of big game fishing reels with tips for the sport fisherman and a table of world's record salt water game fish. Penn Fishing Tackle Mfg. Co. (203)

Luger Boat Kits, a helpful catalog of boats and boat equipment for fitting out the outboard boatman. Luger Industries Inc. (204)

Outboard Handling, a guide for the use of boats, motors, and trailers. Outboard Boating Club of America (205).

Outboard Motor Catalog for 1958 with complete mechanical specifications. Scott-Atwater Mfg. Co. (206).

Lyman's Boats for '58, a catalog of new clinker built craft complete with specifications. Lyman Boat Works (207).

Outboard Boating Skills. An interesting booklet covering many phases of outboarding, ranging from the selection of a proper motor and boat to ways of increasing your fun afloat. Evinrude Boating Foundation. (176)

More Fun Outdoors. This handy booklet covers a variety of subjects including amphibious camping, travel tricks, outdoor cooking hints and recipes for outdoor eating. The Coleman Company, Inc. (178)

How To Organize For More Fun Afloat. A handbook outlining methods of planning, organizing and administering local boating and water skiing clubs. Outboard Boating Club of America. (181)

Safety First Is First! Pamphlet containing a detailed description of the Safe-T-Meter line of fire extinguishing equipment. Safety First Products Corp. (182)

Fishing Tips. Compact booklet offering data that will add to your fishing pleasure. Johnson Motors. (183)

Stock Cruising Auxiliary Designs. A brochure listing an assortment of stock designs which are obtainable in large prints for a moderate fee. Shipwright Harbor. (184)

Outboard Propellers. Catalog lists propellers designed for speed, for cruising, and for ski tow boats. Recommended propellers for all boat and engine combinations are shown, as well as a complete line of boating accessories. Michigan Wheel Co. (188).

FILMS

Available to Boat and Ski Clubs.

Film requests must be made at least a month in advance of date required.

Boating Unlimited (22 min., sound, magnetic track, color). Portraying a family's Sunday boating outing. R. J. McCallister Co. (147F)

Lake Of The Woods (16 min., sound, color). Depicting a trip through the vacation country of northwestern Ontario with views of fishing and wildlife, canoeing and camping along historic trails. National Film Board of Canada. (148F)

Vacation Vikings (20 min., sound, color). Outboard cruising and big game fishing on Florida's west coast. Kiekhaefer Corp. (149F)

Trout For Tarpon (28 min., sound, color). Featuring fishing spots in Wyoming and Florida. Scott-Atwater Mfg. Co., Inc. (150F)

Ski Tips (16 mm., 22 min., sound, color). Instructional film outlining safety rules for skiers and describing the work of the Ski Patrol. The Aetna Casualty and Surety Co. (151F)

Safety Ahoy (15 min., 16 mm., sound, color). Covering boating safety, the film gives many helpful suggestions for the handling of small craft, including rowboats, sailboats and motorboats. The Aetna Casualty and Surety Co. (152F)

Fighting Gar Fish (22 min., color). Anglers battle the Alligator Gar in this exciting film shot on the wilderness waterways of southern Arkansas. Johnson Motors Film Library. (153F)

Building Your Own Boat. (9 min., 16mm., sound.) A how-to-do-it film showing the step-by-step procedure for building an 11-foot runabout. Douglas Fir Plywood Association. (154F)

Teamwork On Tuna (30 min., sound, color). An exciting account of the capture of a giant 600-pound tuna in colorful Bahaman waters. Evinrude Motors. (155F)

Sailing Newfoundland Waters (13 min., sound, color). Film depicts a sailing trip to and around Newfoundland. Victor Kayfetz Productions, Inc. (156F)

Pacific Sails. (20 min., sound, color.) Off the Mexican coast is location of film showing spectacular catches by the conventional sports fishing boat, crew and gear, then by relatively tiny outboard. Evinrude Motors. (157F).

Discovery in Bermuda. (22 min., color.) Bermuda is shown as a fisherman's paradise, with Joe Brooks as the featured actor. One of the highlights is a thrilling underwater sequence of big barracuda in action. (158F).

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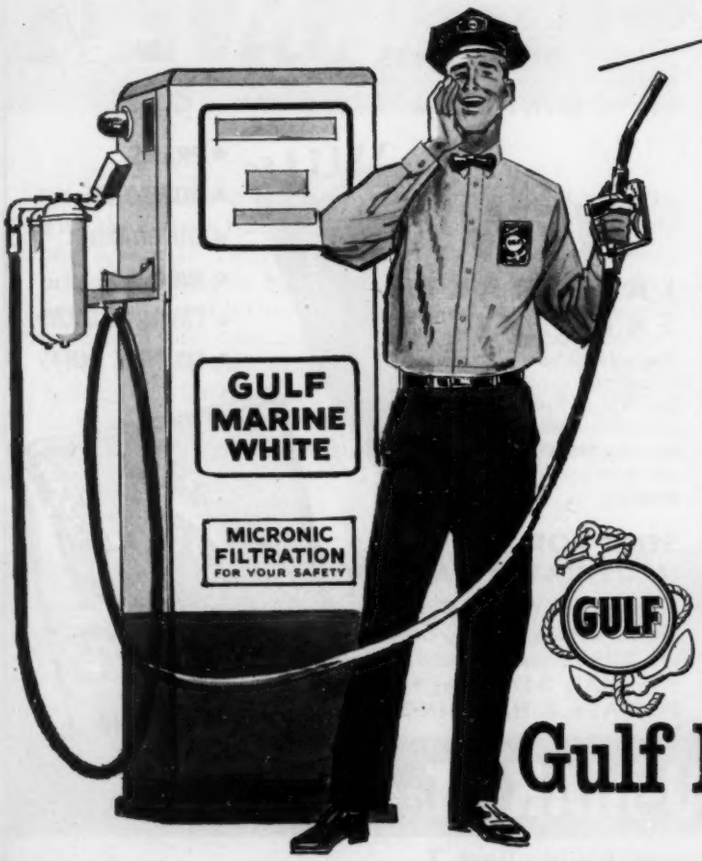
Do you own a boat? ..... Type ..... Length ..... Engine .....

See 'em at the show...



then see me at the dock!

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Gulf Marine Products

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Books for Boatmen

Under Full Sail, 50 years of Great Marine Photographs by Morris Rosenfeld, commentary by Everett B. Morris, Prentice-Hall, Inc., 214 pages. Price, $7.50.

THE title of this book is not an idle boast. This is a collection of 196 photographs of sailing craft. Morris Rosenfeld is a specialist in this field; he knows his boats and he knows his camera. This combination makes for top quality marine pictures, and when coupled with the fact that Rosenfeld is an artist with his camera, it means the pictures *are* great.

While there are no "chapters" to a book like this, it is divided into sections that deal with various aspects of the sailing world. There are the proud old square riggers and the big three- and four-masted schooners of both working and yachting classes; there are the large old racing yachts; there's a section on race starts; and one on "hiking" showing a multitude of hiking methods and stances. Other sections deal with becalmed boats, boats in storms, boats storming along under spinnakers, boats having spinnaker trouble, and kids getting dunked and rescued.

The commentary by Ev Morris is authoritative, unobtrusive, and has an almost poetic quality that goes well with the photographs.

Pictures in this Golden Anniversary Collection cover a span of 50 years, Rosenfeld's entire career in the field. The photographs represent the very best from his extensive files.

To make the book even more appealing to the yachtsman, not that it's necessary, the book is bound in waterproof "log book" sailcloth. —T.R.B.

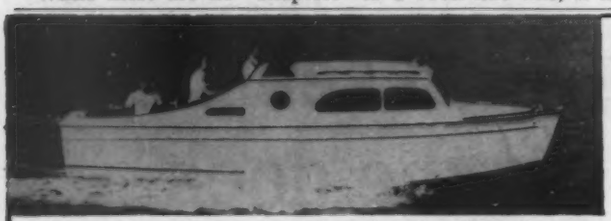
RECENT BOOKS OF SPECIAL INTEREST

Power Boating Presented in Pictures, by Geoffrey Smith, Wilfred Funk, Inc., 190 illustrations. Price $4.00.

For the outboard and inboard boatman, and the sailor as well that clamps on a motor, here are explicit photographs and instructions of a wide variety of boating skills such as anchoring, coming into a dock, maneuvering in close quarters, reading a chart, following rules of the road, sailor's knots, handling engine controls, and a multitude of other hints and helps that every boatman needs to know.

Boats Today, Volume II, available from Universal Motor Co., Oshkosh, Wisconsin. Price $1.00.

America's top naval architects are represented in 151 plans of sailboats with a variety of rigs, and power craft that include motor sailors, runabouts, utilities, houseboats, and cabin cruisers. An enjoyable way for any boatman to study designs available and plans for a future boat.



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Ten different outboard models. A boat for every purpose. Solid plywood or lapstrake planking

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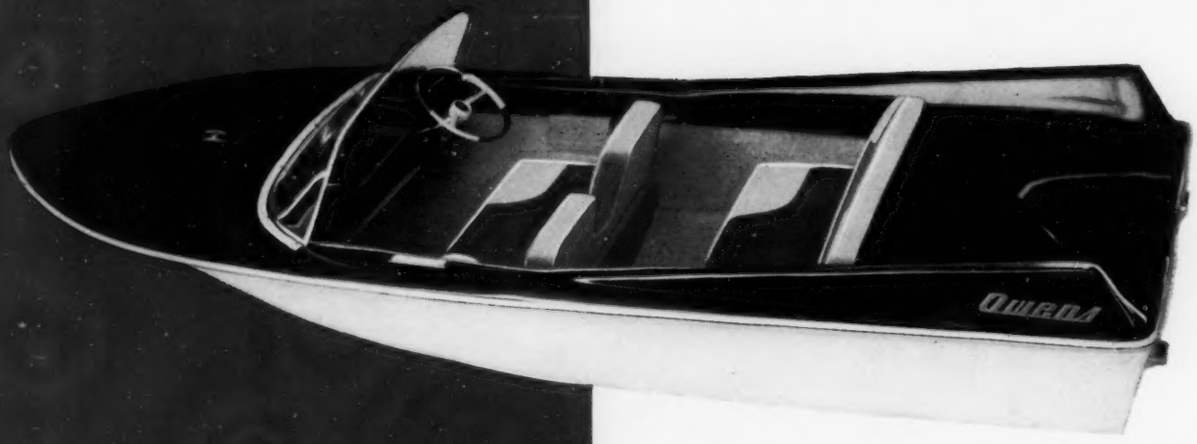

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- 1-piece, friction-free HRV hull, designed with inherent strength for safety and speed, smooth behavior in rough water.
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- Deluxe auto-type upholstered seats for 4 to 6 people.
- Windshield, steering, bow light, lifting handles, cleats, step pads, automatic bailer, utility tray, other features included.

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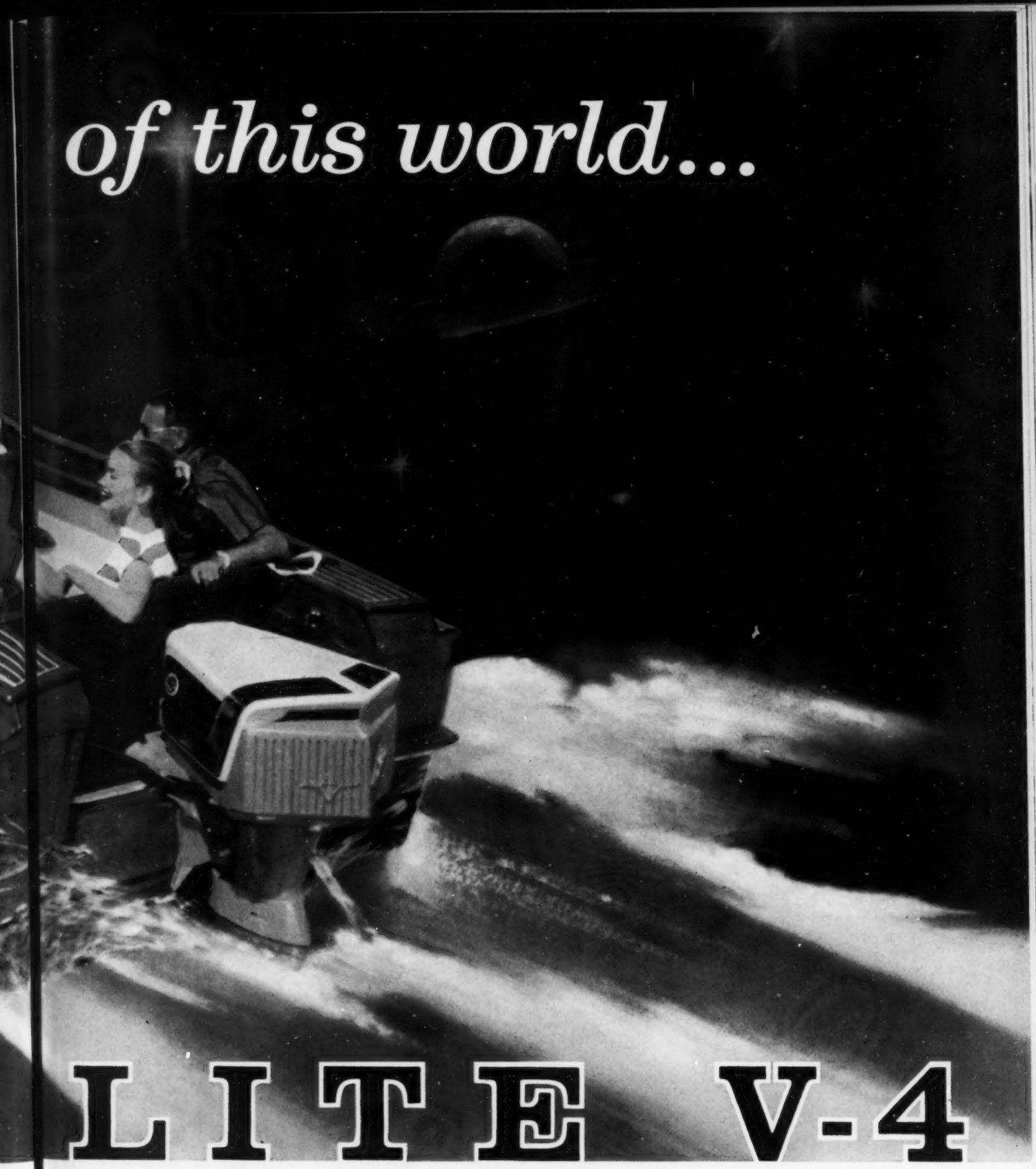

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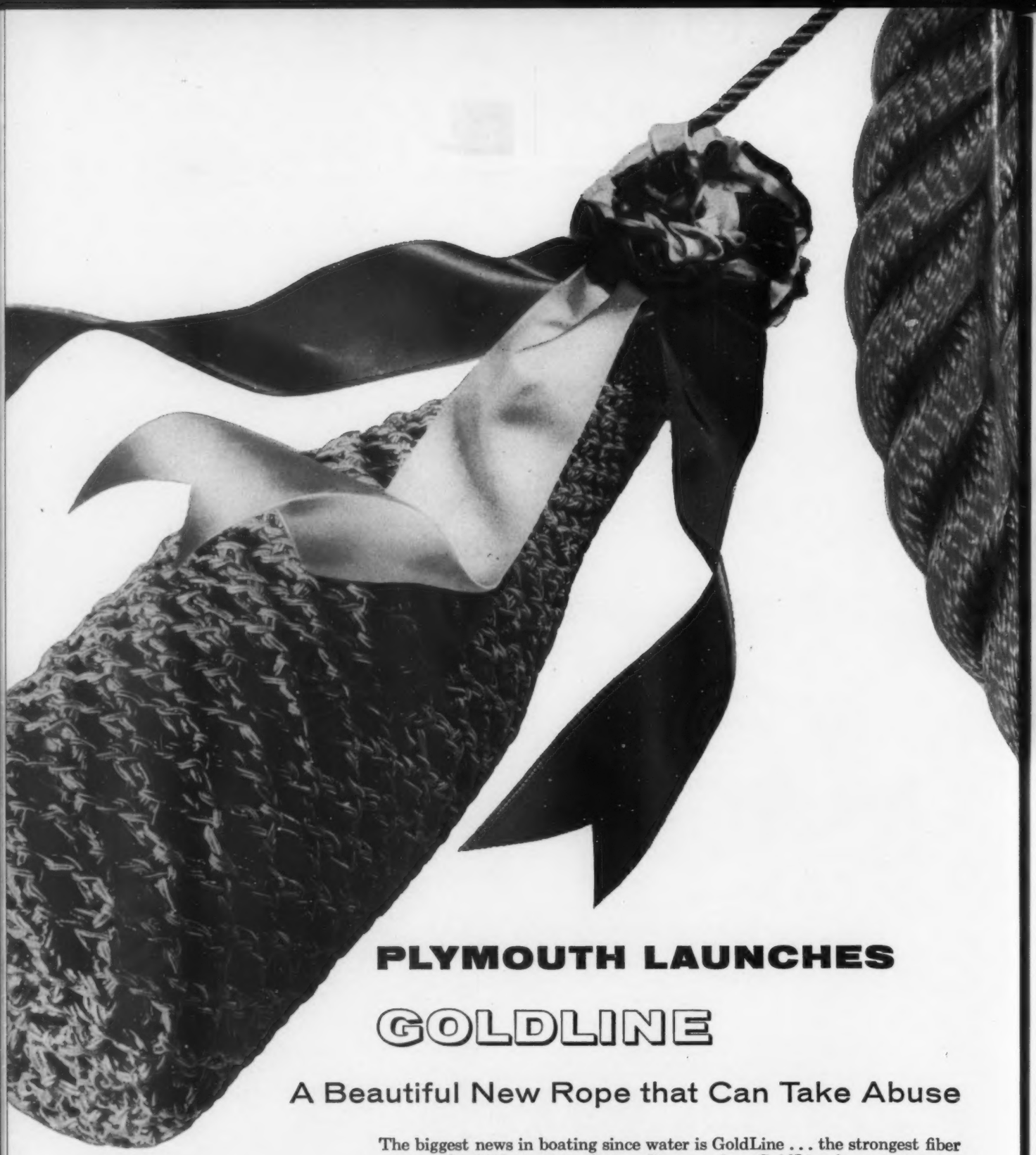

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The biggest news in boating since water is GoldLine . . . the strongest fiber rope made. 18% stronger than ordinary nylon, GoldLine has greater dry abrasion and flexing resistance—better chafing resistance when wet. GoldLine's strength and beautiful golden color make it the finest, proudest line ever to adorn your craft. And, it's priced the same as ordinary nylon! Another cordage first from Plymouth, pioneers of synthetic fiber ropes.

GoldLine is another fine example of the Plymouth quality line, which includes: Plymouth Ship Brand Manila, the perfect all-purpose rope . . . Plymouth Anchor Line and Nylon, for anchor and mooring lines . . . Plymouth Manila, Linen, Nylon, or Dacron—for running riggings . . . the new steel-cored Plymouth Tiller Cable, for safe, easy steering . . . and Plymouth Water Ski Rope, with either single or double handles.

Ask your favorite yard or dealer to show you the Plymouth quality line.

"How To Use Rope Aboard Your Boat"—an informative 38-page booklet—yours free *by writing to the Plymouth Cordage Company, Plymouth, Massachusetts.*

PLYMOUTH 1824

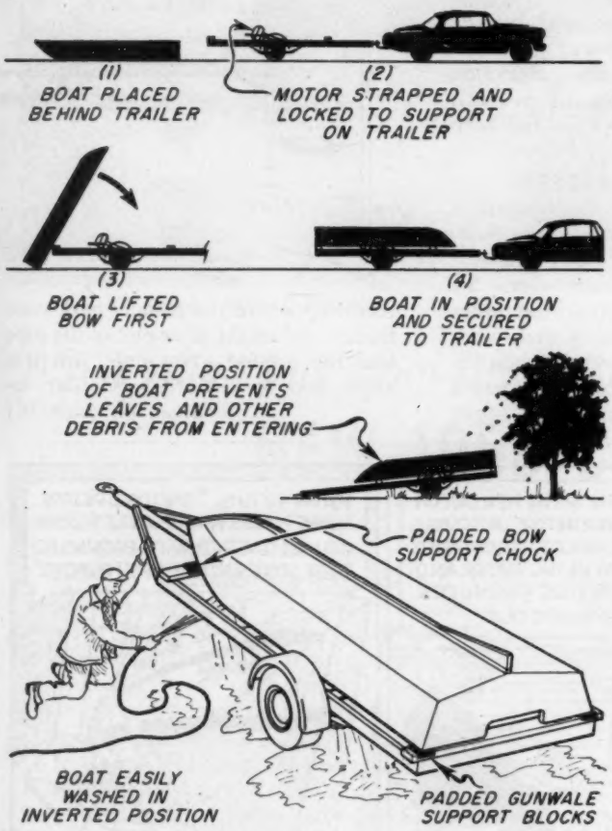
PLYMOUTH QUALITY ROPES . . . FOR EVERY BOATING NEED

TRY TRAILERING UPSIDE-DOWN

THERE'S more than one way to skin a cat, 'tis said, and a certain ardent fisherman has proven it by carrying his small outboard boat upside down on his trailer.

Originally he carried it on top of his car on roof racks, but found that many favorite fishing waters were from fifty to a couple of hundred feet from the roadside or the nearest parking areas. Thus he decided to invest in one of the modestly priced smaller trailers so that he could trundle the boat to the water's edge instead of dragging and shoving it.

At first he carried the boat right side up on the trailer in conventional manner but found that the boat invariably collected a lot of rainwater, leaves and dust during its idle



periods. Such troubles had never plagued him when he carried the boat upside down on top of his car, so he decided to alter the trailer's support blocks. Now the light auto-top boat could be carried upside down on the trailer.

It proved to be quite easy to roll the boat upside down on the beach, lift the bow, and roll the trailer under it. Now his boat never fills with water and debris, and the mud, sand and dirt collected in the boat when fishing is quickly flushed out when he gets home by squirting a hose over the inverted interior.

Having a smaller outboard motor, he carried the idea ever farther by arranging a motor block atop the trailer's frame. Before loading the boat he clamps the motor to the block and padlocks it in place with a regular outboard safety lock.

For fishing, he finds this arrangement to offer the utmost in convenience and it is an idea any owner of a light aluminum fiberglas or canvas-covered boat might give serious consideration —B.W.

Interlux WHITES

AS YOU LIKE 'EM

The amount of sheen most desirable for white topsides is a moot question. In order to satisfy everyone, INTERLUX Whites are furnished in three numbers, varying only in hiding qualities and gloss.

Interlux NO. 242 FLAT WHITE

Interlux NO. 220 SEMI-GLOSS WHITE

Interlux NO. 87 GLOSS WHITE

The No. 87 GLOSS requires FLAT WHITE or SEMI-GLOSS as an undercoater, but both No. 220 SEMI-GLOSS and No. 242 FLAT WHITE are often used alone. The combination of INTERLUX Whites you use determines the resulting sheen.

All INTERLUX Finishes resist sun, salt, engine fumes and hard usage and are easily scrubbed clean. They afford lasting protection to the surfaces they beautify. Available in thirty-six lovely colors.

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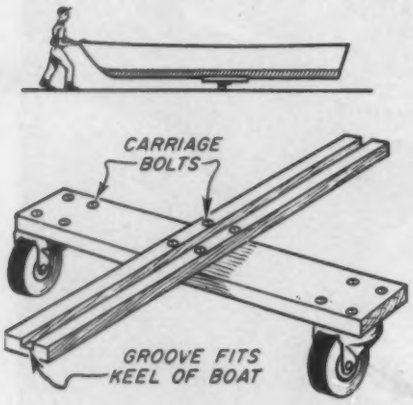
WORLD'S LARGEST MARINE PAINT MAKERS

Hints For Better Boating

Edited by BOB WHITTIER

BOAT DOLLY

Here's a simple little dolly which can be slipped under the keel of outboard boats to allow them to be moved around on a hard floor, parking lot,



etc., very easily. Casters allow boats to be rolled sideways to fit into cramped storage spaces. One of these around your launching ramp, yacht club or storage shed will prove a most useful item.

PROLONG STARTER CORD LIFE

There is nothing more annoying to the outboarder than to have the cotton covering of his motor's starter cord fray through, ride up on the metal center core, and jam inside the hood so the starter can't be pulled. To postpone the time when this will happen to you, every so often rub the starter cord with a cake of beeswax or a candle. I've found that this will just about double the life of the cord.

Michael J. Sies
Martins Ferry, Ohio

OUTDOOR CRUISER STORAGE

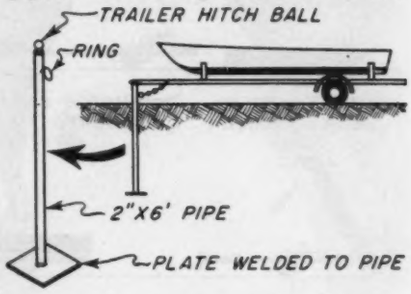
Here's a tip for boat owners whose inboard powered craft are stored outdoors. Due to the high price now paid for scrap copper, brass and bronze, thieves have been known to visit boatyards and make off with a collection of propellers. To insure against such loss, remove your propeller and keep it at home.

TIP FOR TINKERERS

Now that winter is here, many a boat owner is busy down in the basement tinkering with various electrical and electronic equipment from his boat. One of the most annoying things to happen in the course of such work is to have to hunt all over the shop for the roll of solder and can of soldering paste. These two items, which ought to go together like ham and eggs, somehow manage to stray far apart every time they're put down. To make them stay together, and thus save on time and temper, simply solder the paste can to the roll of solder. A quick touch with the iron in three or four places on their rims will stick them together without melting all the paste out of the can.

TRAILER LOCK

Do you worry about losing your outboard boat and trailer by way of a night-time theft? Then do this. Get a piece of heavy galvanized pipe of about two inches in diameter and six or more feet long. Have a welding shop weld a standard trailer hitch ball to one end and a scrap of iron plate to the other. Weld a sturdy ring to the pipe as shown. Dig a hole four or five



feet deep where you usually park your trailer, and set the plate end of the pipe into the ground. Not only will this allow you to chain your trailer se-

(*continued on page* 26)

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More boat for your boating dollar!

17' Cavalier Utility (left). Engines to 131 hp. Also 15-ft. model. 19' Semi-Enclosed Sports Cruiser, outboard or inboard, sleeps 2.

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New '58 Cavaliers are packed with advance-design features usually found only in more expensive boats. True sports styling! Finest marine woods and hardware! Two-tone color combinations! Wrap-around windshields, bigger cockpit interiors, roomier cabins! Plus ease of handling and flashing performance for every water sport!

Choose from trailer-size utilities, runabouts, cruisers—15 ft. thru 22 ft.—outboard and inboard. See your Cavalier Boat dealer, today! Or send coupon, below, for full-color, fact-filled catalog. *Cavalier Boats, Pompano Beach, Florida.*

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22-ft. Express Cruiser, 2-sleeper. Inboard engines to 105 hp; outboard takes single or twin power to 120 hp. Speeds to 29 mph. Also 4-sleeper.

16-ft. Semi-Enclosed Sports Cruiser. Sturdy transom takes single or twin outboard motors to 70 hp; speeds as high as 28 mph; 2-sleeper.

16-ft. Sports Utility. 6-passenger cockpit, walk-thru forward seats, raised sheer. Use single or twin outboards to 70 hp for speeds to 30 mph.

15-ft. Cavalier Runabout. Powerful 60-hp engine provides speeds up to 30 mph. Double cockpit forward. Available also in 17-ft. length.

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(*continued from page* 24)
curely, but it will hold the trailer, boat and motor rigidly level so it can be worked on easily, and so children can't climb onto or into the boat and harm both themselves and the boat by "see-sawing" it. Who would ever have thought it . . . the old hitching post is coming back in the middle of the Twentieth Century!

HULL SAFEGUARD

Expert boat handling is not always a matter of knowing all the compli-

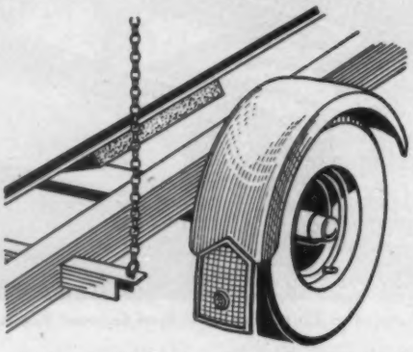
cated details covered in texts on seamanship. A lot of it comprises simply keeping one's eyes and mind open. When a problem comes up, the real seaman doesn't always depend on the books to give him an answer, he improvises an answer on the spot by using common sense. A perfect illustration of this is contained in a letter from George E. Bostwick of Hood River, Oregon. Says George:

"While boating on the Columbia River with our 14-foot outboard, we often go ashore for picnics and in many places the shoreline is rocky. Waves rocking the boat while it is beached can do the hull bottom much harm, so to prevent this, I always look around for a piece of driftwood and pull the boat up on it. This keeps it off the rocks."

Sure, this is so simple it sounds obvious. But did *you* ever think of doing the same thing under such conditions? We'd like to hear from other readers who have hit upon boat handling kinks as useful and practical as this.

TRAILER FENDER FLAPS

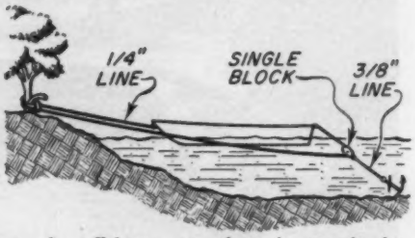
Do pebbles fly up from your trailer tires and damage your boat, or does sand and tar from freshly-oiled roads occasionally make a mess of it? Then go to a hardware store and buy a pair



of those plastic or rubber fender flaps intended for bicycles. The larger ones will fit the fenders of a boat trailer nicely, and will offer more protection to the boat. At the same time, since they are flexible, they are in little danger of getting bent or broken, and the material from which they are made is, of course, waterproof. Some of them have red reflectors on them, which are useful on the trailer since they will define the width of the trailer at night for the benefit of following cars.

OFF-BEACH MOORING IDEA

Most boatmen who frequent salt water with its tides, or lakes with rocky or steep shorelines, have often wondered how they might anchor their



craft offshore so that it won't be stranded by low tide, or banged up by an onshore wind. I have hit upon a method which utilizes the boat's regular anchor and anchor line rigged as shown. With this layout, you drop the anchor at a suitable distance offshore, and let the boat run up on the beach. When the boat has been unloaded it is a simple matter to haul it back out into deep water. The shore loop of

(*continued on page* 28)

SAILING AUXILIARIES HEADQUARTERS

Our winter selling season is now in full swing. We proudly present the most complete line of sailboats, sailing auxiliaries, motorsailers ever offered by one firm.

1. **VITESSE 40 CENTERBOARD YAWL** . . . An all fiberglass centerboard yawl, custom-built to plans of William H. Tripp, Jr. Tank tested by Stevens Institute. Not mass produced but custom built by experienced New England yacht builders. Modern no-upkeep fiberglass construction. 9 sold to discriminating yachtsmen. See photo on the right, of VITESSE under full canvas. The most exciting ship of the year!
2. **ORCA 40 STEEL KETCH** . . . An all steel yacht of proven design for low upkeep. The ultimate in spacious layout below decks. Sleeps 8 in 3 cabins. Demonstrator available. A must for your inspection.
3. **CUTTY HUNK 32 MOTORSAILER** . . . Draft board up only 3'. Tremendous space. Good sailing characteristics. Fully seaworthy. Steel hull —teak decks. Sail area 430 sq. ft. American engine. She does sail!
4. **INTERNATIONAL 500 31 SLOOP** . . . "Perfect" is a word we believe should be used sparingly, if at all, but in the case of the new "International 500" designed by Robert Henry, the designer and builder of the original 1946 "Oxford 400", it's the word that fits best. Based upon previous experience with the "400", Bob Henry designed a new version, sleeping four inside . . . and with 504 ft. of working sails. "Perfect" is the word!
5. **DUTCH MAID "58" 30' SLOOP** . . . Finest quality Dutch workmanship and materials. 22 HP Palmer engine. Superb accommodations. Head room over 6'. Sleeps 4 in cheerful, comfortable cabin. Navigator's nook with chart table. Large stainless steel galley. Enclosed toilet. Large hanging locker. Large cockpit. Reasonably priced. Without sacrifice in quality or accommodations, the "DUTCH MAID '58" sells complete with engine, sails, etc., plus large inventory, for much less than you expect. The "DUTCH MAID '58" has everything. Building program of 33 proves her popularity!
6. **FLYING DUTCHMAN JR. 13 SLOOP** . . . Fiberglass hull and deck. All stainless steel fittings. No maintenance—ever. Non-sinkable modern international one-design planing racer-day sailer. Length 13'2", beam 5', sail area 100 sq. ft. Light weight for car top or trailer. Fast with outboard motor too. Excellent fleet boat for yacht clubs. $997.00, complete with sails. Write for brochure and special offer.

If you want to be assured of Spring delivery, now is the time! A good start is to contact us. We handle only "Sail" . . . think "Sail" . . . talk "Sail" . . . believe we know "Sail." In short, we are just sailboat sailors, anxious, eager to hear about your plans, to advise you, talk to you, and perhaps—sell you, or at least assist you in getting just the right yacht.

Write for literature on any of the above yachts. Visit or telephone us! See us at the Boat Shows in New York, Chicago or Miami.

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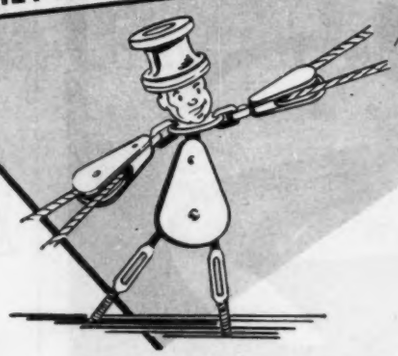

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- For real power
- Sizes 5, 6 & 7 for ½" to ¾" dia. line
- Beautiful satin bronze finish
- Efficient design

TUFNOL BLOCKS

- Require no upkeep
- Free running
- Light weight
- Attractive
- Stainless steel straps for strength
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- No stretch with all wire halyard
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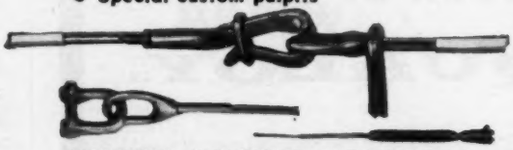
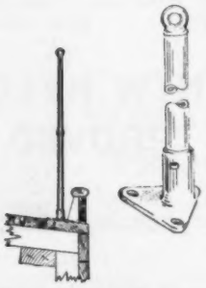


PLASTIC COVERED LIFELINES

- Gleaming white plastic covering on permanent stainless steel & bronze end fittings



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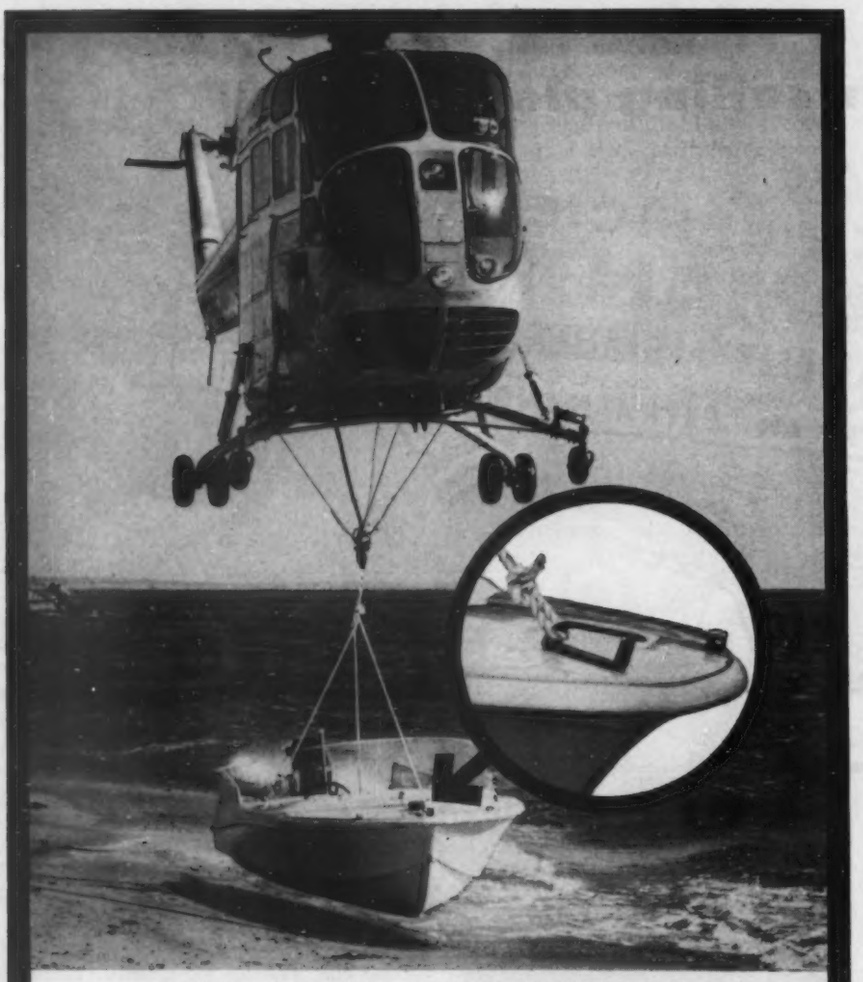

Actual photo of Doman helicopter picking up Glass Craft boat by lines attached to AQUALOY fittings.

NEW NYLON DECK FITTINGS PROVED TOUGH BY TEST

the amazing **AQUALOY**™

An entirely new concept in modern marine boat equipment, AQUALOY offers *absolute* CORROSION resistance . . . strength . . . in feather-light, modern styled stern handles, bow handle, 6" forward cleat, 3½" aft cleats, and chocks—as well as both bow and stern lights. Never needs polishing. **IN EXCITING, PERMANENT COLORS**—red, light blue, brown, aluminum and bronze. Complete deck fitting kit (less lights) only $11.95

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(*continued from page* 26)

the rope is tied to a tree, weighted with a rock or otherwise fastened.

Albert H. Taylor
Read Island, B.C.

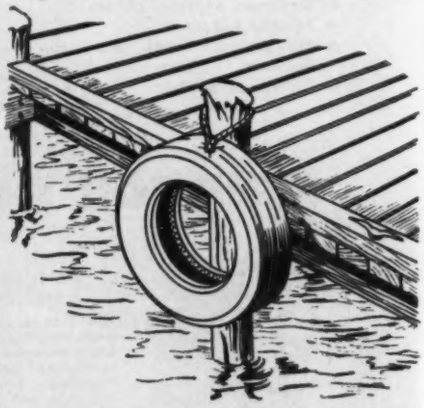
SPRAY HOOD FLAP

Down in Osterville, Cape Cod, is a small shop which has been building fine boats since 1850. It's the Crosby Yacht Building & Storage Co., and their years of experience show up in the motorboats they build. One of their models is the 24-foot "Striper," which is very popular among sports fishermen. Because fishing boats are often out in poor weather, and navigate difficult waters, equipment must be versatile. Sketched here is the spray hood fitted to the windshield of

the boat. As you can see, it has a zippered flap in it. Since it takes a couple of minutes to lower a hood, this flap serves a very useful purpose. If the helmsman wants to stand up to look over the bow when entering a shallow port, or if spray on the windshield cuts visibility, this flap can be opened in a jiffy.

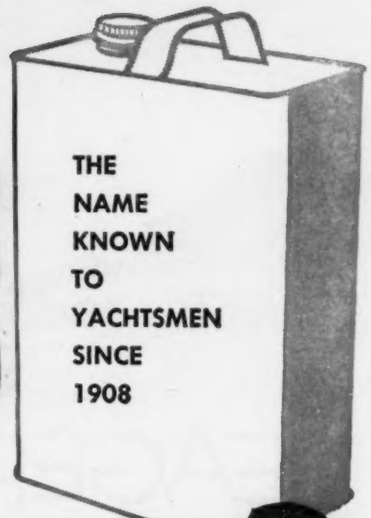
TRAILER TIRE FENDERS

Don't discard unserviceable tires from small boat trailers. They can be used around docks and public moorings as boat fenders, and serve the



purpose well. They're small enough to be easily handled and stowed, their small size makes them naturally stiff so they don't readily lose shape, yet they are large enough to afford very good protection to boats. Poke a hole in the tread on one side to knot a supporting rope, and make another hole opposite so rain water will drain out. — ⚓

CUPRINOL PRODUCTS



created especially for boats

STOP ROT
warping
checking

Rot — the boat owner's nightmare — feeds on wood, destroys its strength and beauty, reduces resale value, causes costly repairs. Prime with one quick coat of CUPRINOL WOOD PRESERVATIVE all wood used for new construction and repairs. If the wood has already been attacked, apply liberally around the infected area to prevent spreading. Provides bonus protection with powerful water repellents added to control damaging checking and warping. Contains three to six times the rot-preventing power of most other brands. It is non-toxic — the brand you can apply without fear of skin injury. Use CLEAR (No. 20) under varnish, stain, light-colored paint. Use GREEN (No. 10) under bottom paints and dark shades of paints.

Pint $.98 Quart $1.75 Gal. $4.70

Whisk Away GREASE
oil, gasoline

No messy, slippery surfaces on YOUR boat with CUPRINOL GREASE OFF aboard. With just one ounce in a quart of water, you can quickly wipe away stubborn grease, oil or gasoline from wood, metal, washable fabric, glass or plastic. Apply with a sponge or cloth.

CLEANS BILGES WITHOUT WORK. Pour a small amount of CUPRINOL GREASE OFF in concentrate form directly into bilge water. The roll of the boat does the dirty work. The scum comes off the sides of the bilge and all floating gasoline, oil and grease are promptly absorbed into the water. All you do is pump the mess over the side.

Pint $.98 Quart $1.79 Gal. $6.49

Banish MUSTY ODORS

Wipe CUPRINOL ODOR FREE on any surface in your cabin and instantly eliminate musty odors, mildew and dangerous decay germs. Odor Free also quickly destroys odors caused by dog and baby "accidents". NOT a temporary spray that simply masks the smell . . . one application lasts for months and actually kills the cause of trouble—microscopic bacteria that cling to surfaces. Apply to both wood and washable fabrics. Comes in economical concentrate form for mixing with water. **Pint $1.49 Quart $2.79 Gal. $8.98**

Gone! Your Worries About MILDEW

Two Cuprinol products attack mildew. In your cabin wipe CUPRINOL ODOR FREE on all interior surfaces to prevent the mildew that causes musty odors. Where heavy concentration of mildew will develop — such as on clothing and equipment stowed away temporarily or during the winter season — apply CUPRINOL SAV-IT with sponge or cloth. Even when stored wet and left for months, SAV-IT treated materials are ready to use again immediately, completely free of unsightly, destructive mildew.

The easy way to WEATHER PROOF
fabrics, canvas

A quick coat of CUPRINOL SAV-IT weatherproofs leather, clothing, canvas and other fabrics exposed to rain water and salt spray. Outdoor clothing shrugs off water; yet, the fabric still can "breathe". You enjoy comfortable protection without that suffocating feeling. Excellent as a mildew-proofer too! Leave a treated jacket in a locker all winter and put it on without a trace of mildew the next season. It's ideal for seat cushions. Wipe on with a sponge or cloth. **Quart $1.75 Gal. $4.70**

KEEP ROPE STRONG

CUPRINOL ROPE PRESERVATIVE keeps running rigging and anchor rodes free of rot — even when stored away wet. Protects life lines and mooring pennants from barnacles and marine growths. Leaves no sticky residue. Will not stiffen rope nor wear off from friction. This is the NON-TOXIC brand which keeps skin safe from irritation.

Two Types: Use #30 for ropes in use out of water or occasionally submerged (such as anchor rodes). Use B. C. #50 for ropes constantly submerged. **#30 — Qt. $1.45 Gal. $4.00 B. C. #50 — Qt. $1.80 Gal. $5.85**

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Clear (use under stain, varnish or pastel paints) Qt. $1.75 ☐ Gal. $4.70 ☐
Green (use on bottoms and under dark paints) Qt. 1.75 ☐ Gal. $4.70 ☐

CUPRINOL GREASE OFF Pt. 98¢ ☐ Qt. $1.79 ☐ Gal. $6.49 ☐

CUPRINOL ODOR FREE Pt. $1.49 ☐ Qt. $2.79 ☐ Gal. $8.98 ☐

CUPRINOL SAV-IT Qt. $1.75 ☐ Gal. $4.70 ☐

CUPRINOL ROPE PRESERVATIVE
#30 for ropes used out of water or sometimes immersed (like anchor rodes) Qt. $1.45 ☐ Gal. $4.00 ☐
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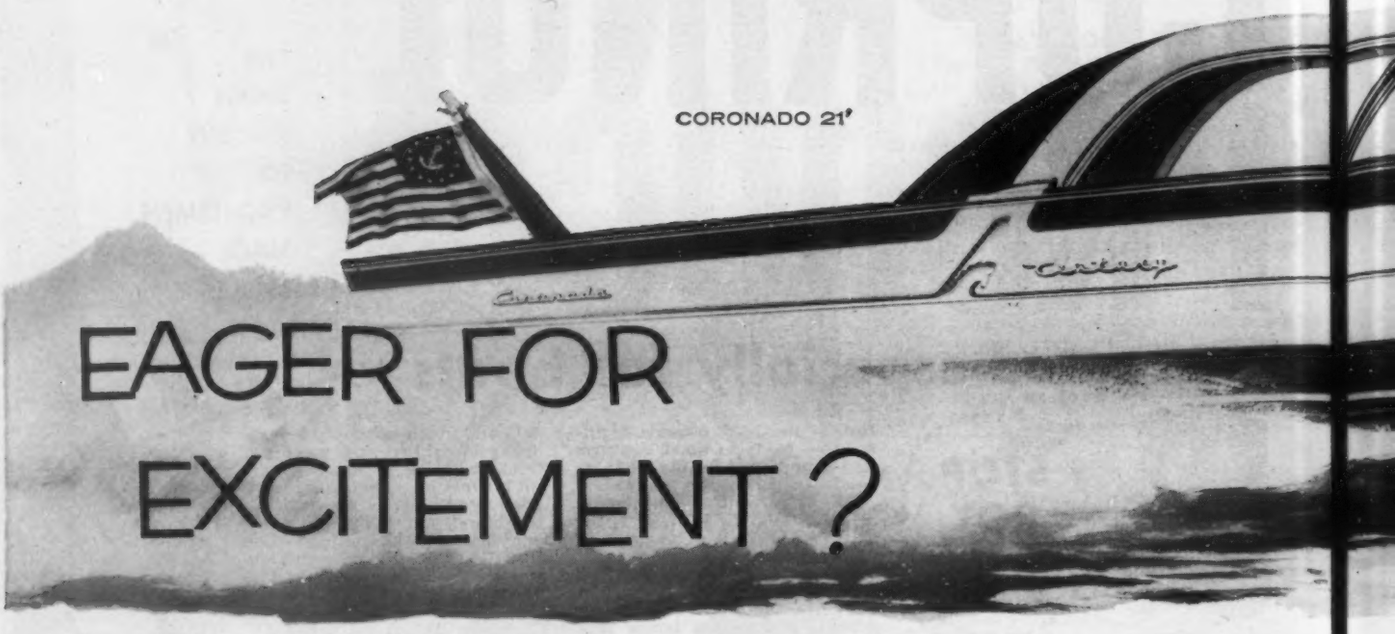
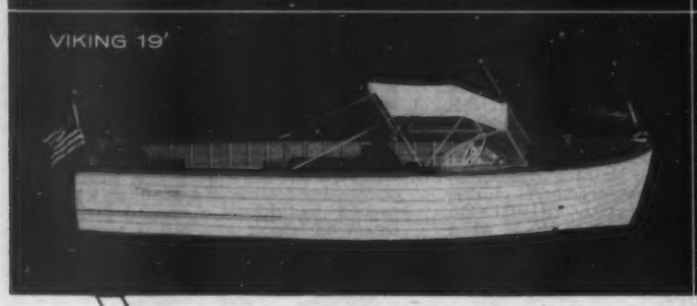
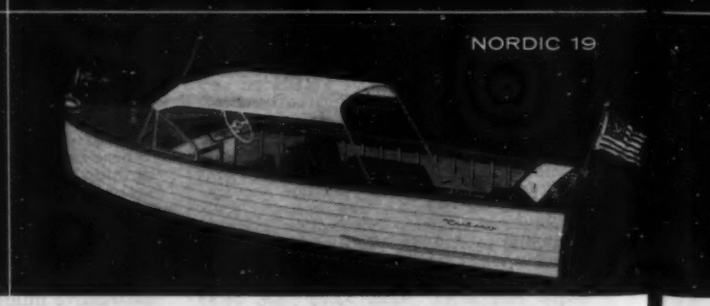


choose a 1958 CENTURY thoroughbred . .





ROAN (not illustrated)—like Palomino except color

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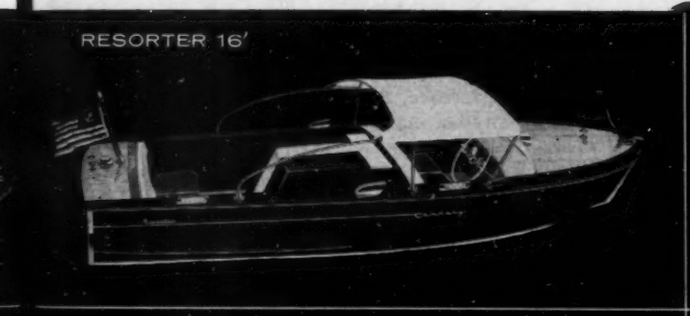
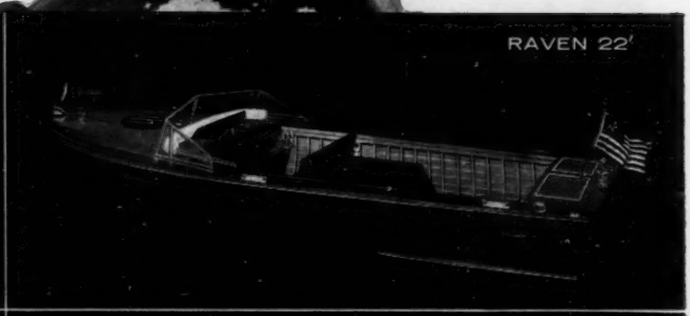
New York—Coliseum
Jan. 17-26

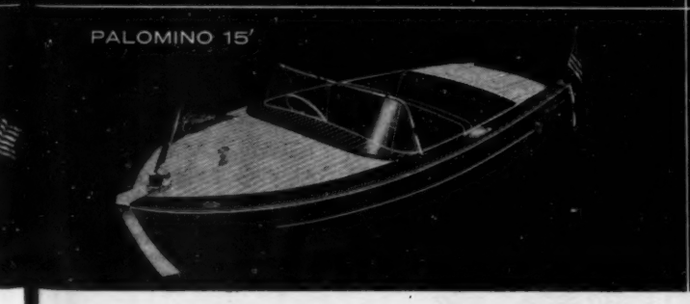
Chicago—International
Amphitheater—Feb. 7-16

Many hours of exciting adventure await you . . . pulse quickening dashes over sparkling waters, exhilarating maneuvers on skiis, thrill-packed outings for the "big" ones, or lazy cruises to new places with family or friends . . . in your 1958 Century Thoroughbred. Ten models to choose from, including three new additions . . . the Resorter 19', a freshly styled beauty with a unique bow treatment and slide-back top . . . the Nordic 19', a dry and seaworthy utility boat with an unusual seating arrangement and convertible top that covers almost the entire cockpit . . . and the Nomad 16', a rugged and roomy lap-strake outboard that's built to take it. The rest of the Thoroughbreds have been re-styled and improved

l . . . and get it!







to make them more attractive and livelier than ever. For as everyone knows who has ever taken a Century wheel . . . there's nothing on the water to match its cat-quick responsiveness and electrifying acceleration. There's a reason, of course. Century triple braced, batten seam constructed hulls are based on hydrodynamic principles and held to micro dimensions. That's why Centurys give you that "extra burst" of speed with the latest V-8 engines and will take more punishment than ordinary boats. So get the Century of your choice and enjoy the best boating can offer you . . . with confidence and pride. Trade now for delivery at your pleasure. Send for beautiful brochure.

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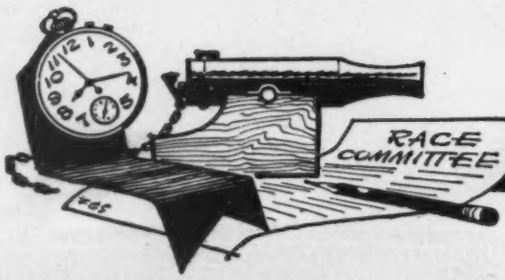


BULKHEAD BULLETINS

NEW YORK & CENTRAL ATLANTIC STATES

BOAT SHOWS

Jan. 17-26 — National Motor Boat Show, Coliseum, New York City.

Feb. 8-16—First Annual Marine Show of Long Island, West Hempstead, N. Y.

Feb. 15-23—Jersey Coast Boat Show, Convention Hall, Asbury Park, N. J.

Feb. 19-Mar. 4—New York Outdoor Exposition Sportsmen's and Vacation Show, Coliseum, New York City.

Feb. 22-Mar. 2—Buffalo Boat, Travel and Sport Show, 174th Armory, Buffalo, N. Y.

Feb. 22-27 — Chesapeake Bay Boat Show, 5th Regiment Armory, Baltimore, Md.

Feb. 28-Mar. 8—Philadelphia Motor Boat and Sportsmen's Show, Convention Hall, Philadelphia, Penna.

Mar. 15-Apr. 15—12th Annual New Jersey Boat Show, Dale Yacht Basin, Bay Head, N. J.

Apr. 11-18—Great N.E. Sports Show, Syracuse, N. Y.

AMERICAN POWER BOAT ASSOC.

June 2 — Stock Outboard Marathon, Hudson River.

NEW ENGLAND

BOAT SHOWS

Jan. 18-25 — Connecticut Sportsmen and Boat Show, State Armory, Hartford, Conn.

Feb. 1-9—New England Sportsmen's and Boat Show, Mechanics Building, Boston, Mass.

Feb. 22-Mar. 2—New England Boat Show, Commonwealth Armory, Boston, Mass.

Mar. 20-23—Sixth Annual Connecticut Boat Show, New Haven Arena, New Haven, Conn.

Mar. 27-30—Second Annual Hartford Boat Show, West Hartford Armory, Conn.

FROSTBITE DINGY NEWS

Indian Harbor Y. C., Greenwich, Conn.

Dec. 7-Mar. 22—Saturday Series.

Jan. 26-Mar. 23 — Second Sunday Series.

Feb. 22—Washington's Birthday Races.

Feb. 22, 23—President's Trophy Series.

MIDWEST

BOAT SHOWS

Jan. 25-Feb. 2 — Great Lakes Boat Show, Cleveland Public Hall, Cleveland, Ohio.

Jan. 31-Feb. 9 — Kansas City Boat, Sports and Travel Show, Municipal Auditorium, Kansas City, Mo.

Feb. 7-16 — Chicago National Boat Show, International Amphitheater, Chicago, Ill.

Feb. 21-Mar. 2—Chicago Sportsmen's Show and Vacation Show, International Amphitheater, Chicago, Ill.

Feb. 21-Mar. 2—St. Louis, Sport and Vacation Show, Arena, St. Louis, Mo.

Feb. 22-Mar. 8—Boat Show, Detroit Artillery Armory, Detroit, Mich.

Mar. 8-16—Detroit Sports and Travel Show, State Fair Grounds, Detroit, Mich.

Mar. 14-23—American and Canadian Sportsmen's Vacation and Boat Show, Cleveland Public Auditorium, Cleveland, Ohio.

Mar. 14-23—Land-O-Lakes Boat, Marine and Tackle Show, Auditorium, St. Paul, Minn.

Mar. 22-30—Columbus Dispatch Journal Sport, Vacation Travel and Boat Show, State Fair Grounds, Columbus, Ohio.

Mar. 22-30 — Milwaukee Sentinel Sports and Vacation Show and Great Lakes Boat Show, Arena and Auditorium, Milwaukee, Wisc.

Mar. 24-29 — West Michigan Sports and Boat Show, Cirri Auditorium, Grand Rapids, Mich.

Mar. 25-30—Peoria Area Sports, Boat, Home and Vacation Show, Robertson Field House, Peoria, Ill.

Mar. 27-Apr. 1—Iowa Sports and Vacation Show, Des Moines, Iowa.

Apr. 4-13 — Northwest Boat, Sports and Travel Show, Municipal Auditorium, Minneapolis, Minn.

Apr. 5-12—Tennessee Valley Sports Show, Chilhowee Park, Exposition Bldg., Knoxville, Tenn.

NBA CONFERENCE

Feb. 14, 15—National Boatmen's Conference, Pick-Congress Hotel, Chicago, Ill.

SOUTHEAST

BOAT SHOWS

Jan. 30-Feb. 2 — Fifth Annual Fort Lauderdale Boat Show, Fort Lauderdale, Fla.

Feb. 21-26—Miami International Boat Show, Dinner Key Auditorium, Miami, Fla.

Feb. 28-Mar. 7—Southeast Boat and Vacation Show, Municipal Auditorium, Atlanta, Ga.

Mar. 6-9—Southeastern Boat Show, Gator Bowl, Jacksonville, Fla.

FLORIDA OCEAN RACING ASSOC. SAILING EVENTS

Jan. 10—St. Petersburg—Venice. 50 miles.

Mar. 1 — St. Petersburg — Bradenton. 30 miles.

Apr. 18 — Tampa — Egmont Key. 64 miles.

May 10—Clearwater—St. Petersburg. 37 miles.

PANAMANIAN PRESIDENT'S RACE

Apr. 12—Miami to Panama.

OUT-ISLAND REGATTA

Apr. 10, 11, 12—Fifth Annual Out-Island Regatta, George Town, Exuma.

SOUTHWEST

BOAT SHOWS

Feb. 19-23—Fort Worth Boat Show, Fort Worth, Texas.

Mar. 7, 8, and 9—Texarkana Sports and Boat Show, Texarkana, U.S.A.

Mar. 15-22—Houston Boat and Vacation Show, Houston, Tex.

Apr. 12-20 — Southwest Sports, Boat and Vacation Show, Dallas, Tex.

(*continued on page* 34)

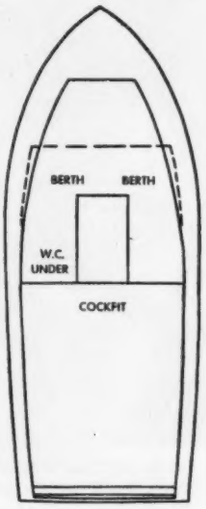
It's all new . . .

it's a HIGGINS "17"

The convenience of an outboard, plus the roominess and bigness of an inboard, that's the Higgins "17" Custom Outboard Cruiser

First with AERO-NAUTICAL Design

First and foremost, the name you've always wanted—Higgins. Now Higgins brings an all-new "17" Outboard Cruiser, the first boat anywhere with AERO-NAUTICAL design, a new concept of naval architecture which combines the ultimate in jet-age styling with Higgins PT-boat construction, proved in war and peace. This "17" Outboard Cruiser launches an exciting new era in motorboat versatility; it brings the famous Higgins quality to a whole new group of boating enthusiasts.



OUTSTANDING FEATURES

V-Type, opening cabin windshield
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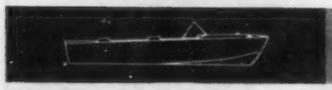
Raised floor in cockpit, 5' 4" x 7'
Full seated headroom in cabin
Power up to 100 hp.
Sleeps two or three
Full size marine head

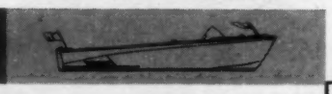
DELUXE $1245 — CUSTOM (as shown) $1595

"HIGGINS HAS THE HULL"

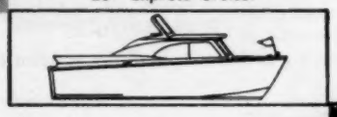
"15" Outboard



"17" and "18" Runabouts



"23" Express Cruiser



"26" Cruiser

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"See-for-Yourself" Test gives you

PROOF POSITIVE VINELAST STOPS FOULING BETTER

than any other bottom paint—bar none!

Never Before Has Any Paint Manufacturer Dared Make Such An Offer! You Make the Test, You Judge The Results—And Next Time, You, Too, Will Paint With "Vinelast" Anti-Fouling Racing Finish!

1. Simply mail coupon below, and we'll send you, without cost, a small panel painted with "Vinelast."

2. Fasten the "Vinelast" panel underwater to your hull, keel, rudder, or any other submerged surface.

3. At next haul-out, compare the condition of the "Vinelast" panel with the surrounding area. You'll see for yourself that "Vinelast" stops fouling better than other anti-fouling compositions, regardless of cost.

WHY THIS OUTSTANDING PERFORMANCE? Every anti-fouling paint releases a toxicant to repel attachment of barnacles and other fouling marine organisms. The best of these toxicants is copper oxide and, thanks to a special Woolsey-developed plastic resin vehicle, "Vinelast" is able to hold *400% more copper oxide* than ordinary anti-fouling paints. The result is season-long protection against fouling and borers—increased speed and RPM and decreased fuel costs due to lessened hull friction. "Vinelast" is excellent for all types of boat bottoms—wood, fiberglass, plywood and metal.

If you haven't already discovered "Vinelast's" superiority, make the panel test and see for yourself what you're missing!

Mail the coupon today.

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Address_____

City, Zone, State_____

(Panel will be mailed first week in April)

(*continued from page* 32)

PACIFIC COAST
BOAT SHOWS

Feb. 12-16—Second Annual Spokane Boat Show, Interstate Fairgrounds Exhibition Bldg., Spokane, Wash.

Feb. 14-23—Southern California Boat Show, Great Western Livestock Bldg., Los Angeles, Calif.

Feb. 21-23 — Second Annual Central Washington Boat Show, National Guard Armory, Yakima, Washington.

Feb. 28-Mar. 9—San Francisco National Sports and Boat Show, Cow Palace, San Francisco, Calif.

Apr. 10-20—Los Angeles Sportsmen's Vacation, Boat and Trailer Show, Pan Pacific Auditorium, Los Angeles, Calif.

BOAT SHOW CHECK LIST

EXPERIENCED boatman and beginner alike, afflicted by boat show fever, are heading for the halls that hold the newest additions for America's waterways.

Before starting out for the show and the hours of asking questions, collecting pamphlets, admiring and examining, it is well to take time in advance to make some soul-searching inquiries at home to first find what you are looking for.

How often will the boat be used?

For fishing? Entertaining? Racing? Water skiing? Day sailing? Family cruising over weekends? A full vacation aboard?

How many passengers will you normally carry? How big a boat should this be for real safety?

How much can the waves make up in your area during a sudden storm?

Could the new boat you are looking for be safe for your family in a sudden squall and still be so small it would make them want to give up boating?

Will it require so much maintenance it may not leave much time or money for sailing?

Will the type of boat you want probably remain attractive in styling over several years?

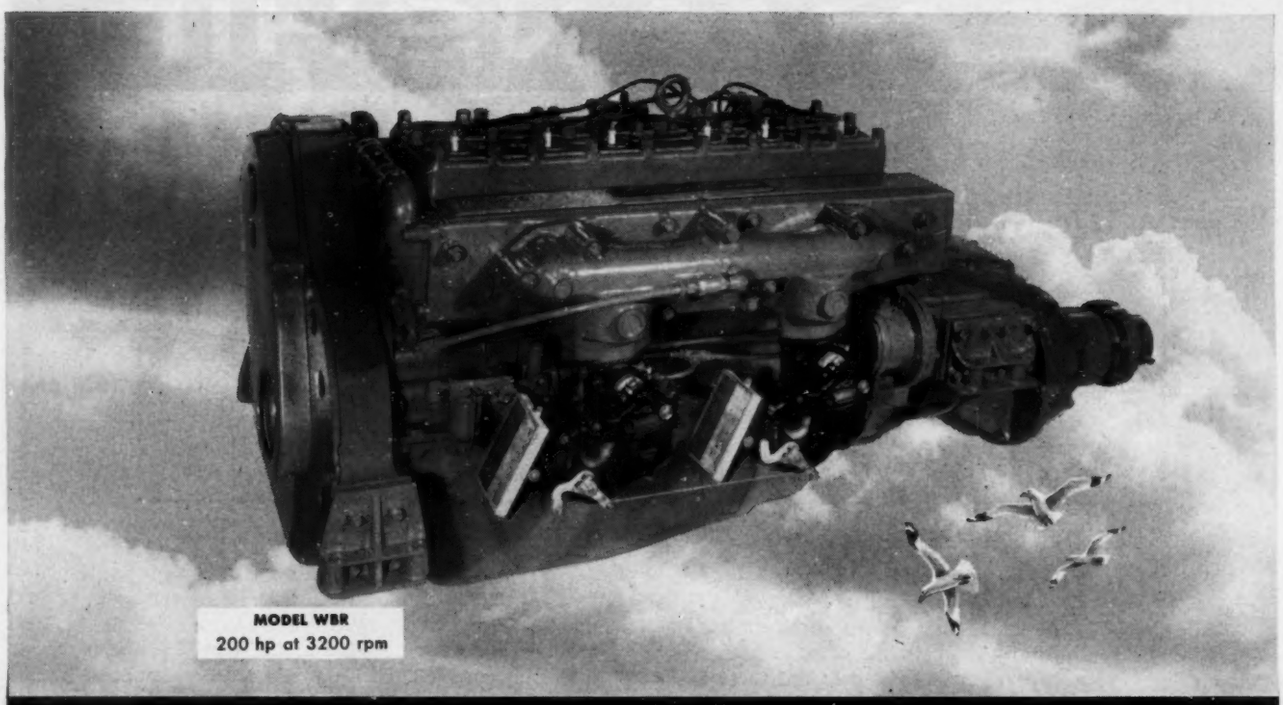
In what ways will it be better than your present boat?

And can you now afford the boat you want and need? Answer these questions honestly and then, for buying or dreaming, head at once for the boat show nearest you.— ⚓

Popular Boating

Tom Blakley

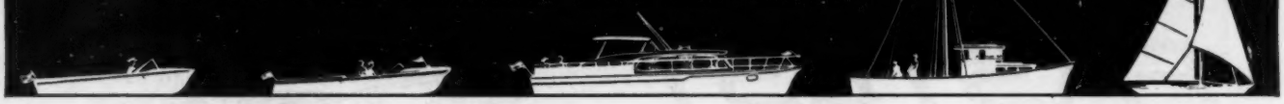
What makes you think Fred and Joe headed this way?



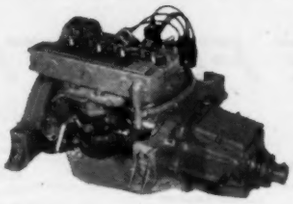
MODEL WBR
200 hp at 3200 rpm

DEPENDABILITY!.. PERFORMANCE!..

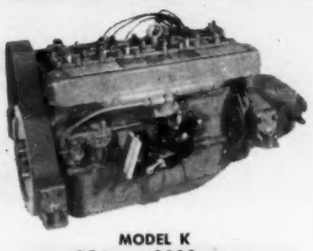
MAKE *Chris★Craft*
YOUR BEST MARINE-ENGINE BUY!



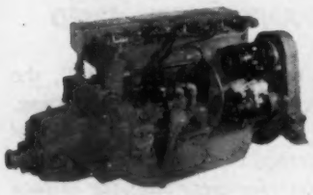
Horsepower for horsepower, you can't buy better than compact, power-packed Chris-Craft marine engines. They give smooth, powerful performance, matchless economy, and dependable service for cruisers, yachts, fishing and work boats, runabouts, sailboats, and boat kits. Reduction drives, opposite rotation, and *Chris-O-Matic* electric-hydraulic clutch control are available for most models. See your dealer, or mail coupon today for more information.



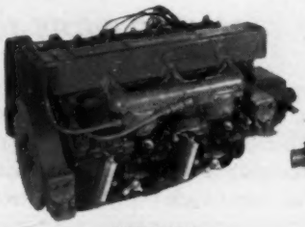
MODEL A
60 hp at 3200 rpm



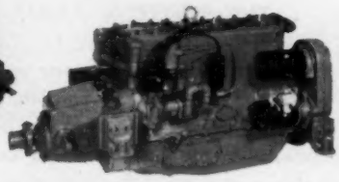
MODEL K
95 hp at 3200 rpm



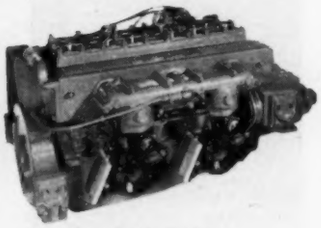
MODEL KL
105 hp at 3200 rpm



MODEL KFL
131 hp at 3800 rpm



MODEL M
130 hp at 3000 rpm



MODEL MCL
175 hp at 3400 rpm

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Marine Engine Division, Pompano Beach, Florida

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SEAMANSHIP

COMPASS SHORT-CUTS

TEST YOURSELF:

- Could you use your compass easily if you were lost?
- Have you ever tested compass accuracy aboard your boat?
- Do you know the simple way to correct for variation without mathematics?
- Could you detect and correct for compass deviation?
- Do you know how to set up and solve compass problems at home?

Skippers with elaborate vessels, steel boats, and craft with iron keels or other possible sources of deviation are well advised to hire a professional compass adjuster. For the small boatman, however, here are simple ways to determine major causes of compass error.

By ELBERT ROBBERSON

ON a wooden, plastic or aluminum boat with no iron, steel or electrical objects aboard, a "bare compass" should give accurate magnetic bearings and courses without correction. But move in an engine or other objects containing iron or steel, or electrical devices, and there is a possibility that your compass readings will have as much distortion as a pair of beer-bottle binoculars. Compass inaccuracy is not at all dangerous—that is, if you know it is there, and how much. But to take a chance on your compass without having checked out its accuracy "around the clock" is inviting trouble. Fortunately, compass error is not difficult to detect and measure; and in most cases on small boats it can be corrected, or almost completely balanced out.

Sources of Compass Error

Practically speaking, compass error exists when the compass does not indicate bearings relative to true north. Several factors are involved when this is the case. The first and most universal error is due to the fact that the magnetic north pole is located in Canada a considerable distance south of the true pole. Therefore, at all locations where the magnetic and true poles are not exactly in line, a *"variation"* will exist between magnetic indications and the actual direction to true north.

A few years ago, it was customary to add or subtract the local variation to convert true courses to magnetic course for steering by compass; and to convert compass (magnetic) bearings to true figures for plotting bearing lines on the

(*continued on page* 38)

FASTEST IN THE FLEET!

REGATTA VINYLTEX 55 Anti-Fouling Fast Red with SILICONE

—THE BOTTOM PAINT THAT ADDS KNOTS TO ANY BOAT'S SPEED

If you want speed, you want VINYLTEX "55" with SILICONE, the hard, smooth, racing finish that has no equal in friction-free performance. REGATTA paint chemists have developed an *exclusive* process for combining super-slick SILICONE and high-quality bottom paint—*with absolutely no loss of its anti-fouling properties.* The result is VINYLTEX "55", the fastest, cleanest bottom finish in boating, another "first" in REGATTA's 88 year *record of research leadership.* For brilliant beauty, for perfect protection—*for every seagoing surface*—look to the REGATTA line, first choice of the men who know boats *from experience.*

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BALTIMORE COPPER PAINT CO.

Oliver Reeder & Son, Inc., Props.

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17' *baymaster*
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Ten new Glass Magic models . . . the "Pace-Setter" line for 1958. New, low, sweeping lines . . . rakish distinctive designs. New "Aqua-Flite" hulls utilize every ounce of power developed by your motor. New luxury accessories and appointments. See the complete line . . . choose your style . . . your size . . . and your price. There's a Glass Magic Boat for you now at your Glass Magic dealer.

14' *skipper*
Low priced, high style runabout

12' *nomad*
Fishing, hunting, sport or play

15' *sportsmaster*
Economy priced sport - fishing runabout

19' *seamaster*
Real class in a large outboard cruiser

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CHICAGO BOAT SHOW FEBRUARY 2-17

write to-day for full color literature and dealer's name.

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1958 PERKO CATALOGS

The New 200 page 1958 General Catalog will be available for $1.00. Owners of Small Boats that only want a copy of the 1958 PERKO SMALL BOAT CATALOG on sale for 25c a copy. Anyone of these catalogs or both can be secured at our booth No. C-198 at the show or write us direct. Free to Dealers, Jobbers, Purchasing Agents, Ship Yards, Naval Architects. Write us on their Company stationery.

PERKINS MARINE LAMP & HARDWARE CORPORATION

1951 PITKIN AVE. BROOKLYN 7, N. Y.

(*continued from page* 36)

chart. The addition and subtraction required were frequently cause for mistakes, especially when part-time skippers, under conditions of stress, tried their unfamiliar hands at it. And, even the more experienced usually found it necessary to memorize rules and rhymes to remember whether to "put on" or "take off" variation.

Happily, today's charts have a magnetic rose inscribed inside the true circle. This makes it unnecessary to worry about the conversion of angles either in steering or taking bearings. Of course, there is no law against knowing how to convert "true" to "magnetic" by arithmetic—but why do it the hard way? In any rare case where such a conversion is necessary, simply use the local chart compass rose as your computer: find the angle you wish to convert on its scale on the rose, lay a straight-edge through the center of the rose and it will pass through the equivalent angle on the other scale. And, for steering or taking bearings, disregard the outer "true" circle completely, using the magnetic scale only, and no computation will ever be necessary, because of variation.

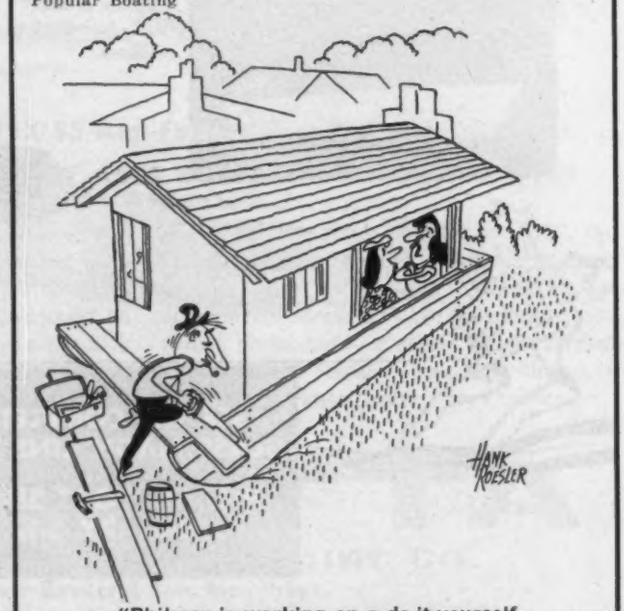
Other compass errors are lumped into the category of "deviation." This is caused by the presence of other magnetic objects near the compass. Anything built of or containing iron or steel is potentially magnetic, as are electrical circuits and devices. On most boats the engine is the prime source of deviation, but there are many other possible sources: for example, instrument panel wiring; steel reinforced steering wheels; radio loudspeakers, headsets, handsets; power cables; steel containers of all sorts, from beer cans to portable gasoline tanks; photographic light meters, and cameras having meters built-in; and even some "Scrabble" games (designed for boat use, with magnets to make the chips stick to the board).

As a rule, magnetic objects should be kept at least three feet from the compass, but a greater separation is desirable. For example, I have found that my own photographic exposure meter will push my compass off about two-degrees when it is three-feet way; and at the same separation a "hi-fi" speaker will throw the card off 15-degrees to the right or left (a total swing of 30-degrees!), depending upon how it is oriented. So, be extremely careful that the compass is placed in the clearest place possible (magnetically speaking) and, if necessary, move any possibly troublesome objects to some other part of the boat.

Because magnetic lines of force are not stopped by wood,

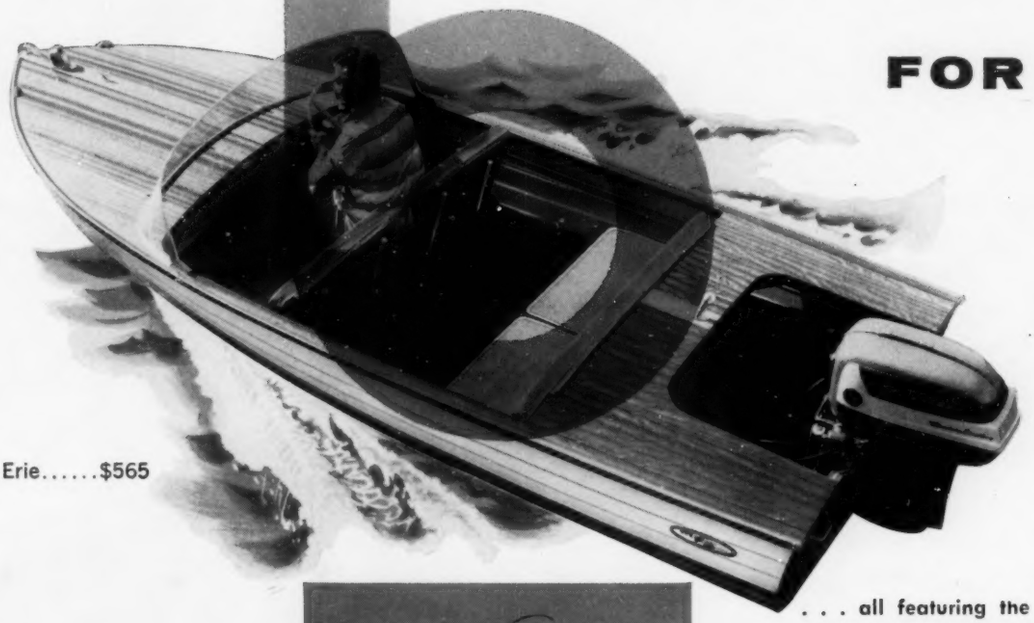
(*continued on page* 48)

Popular Boating

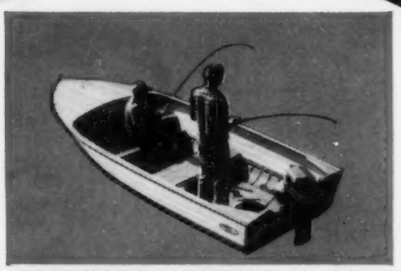


"Philmer is working on a do-it-yourself project. What is a 'houseboat'?"

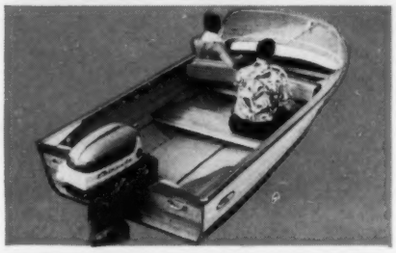
NOW... FIVE "MFG" BEAUTIES FOR '58!



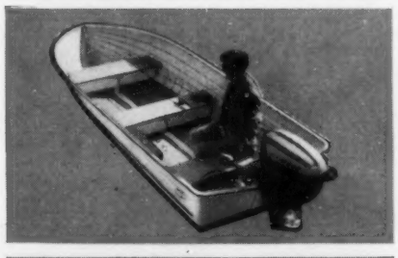
15′ Erie.....$565



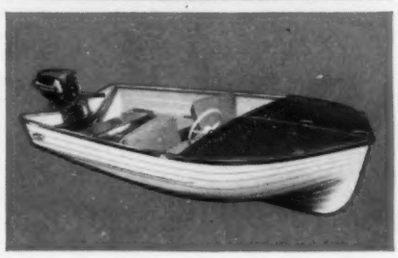
15′ Union.....$495



15′ Cambridge.....$525
(note new-design center deck)



12½′ Corry Utility.....$295



12½′ Corry Suburban..$345

. . . all featuring the famous, tough MOLDED FIBER GLASS hull with molded-in lapstrake design . . . this year even tougher than ever, thanks to improved production methods.

THREE SLEEK 15-FOOTERS

with extra strong, redesigned transoms . . . easier-to-clean floorboards . . . handsome new interior finish . . . sturdy new metal seat supports.

TWO FRISKY 12½-FOOTERS

. . . brand new to the "MFG" line for '58 . . . exceptionally fast and seaworthy . . . designed with reverse lap between keel and chine, for extra speed and stability.

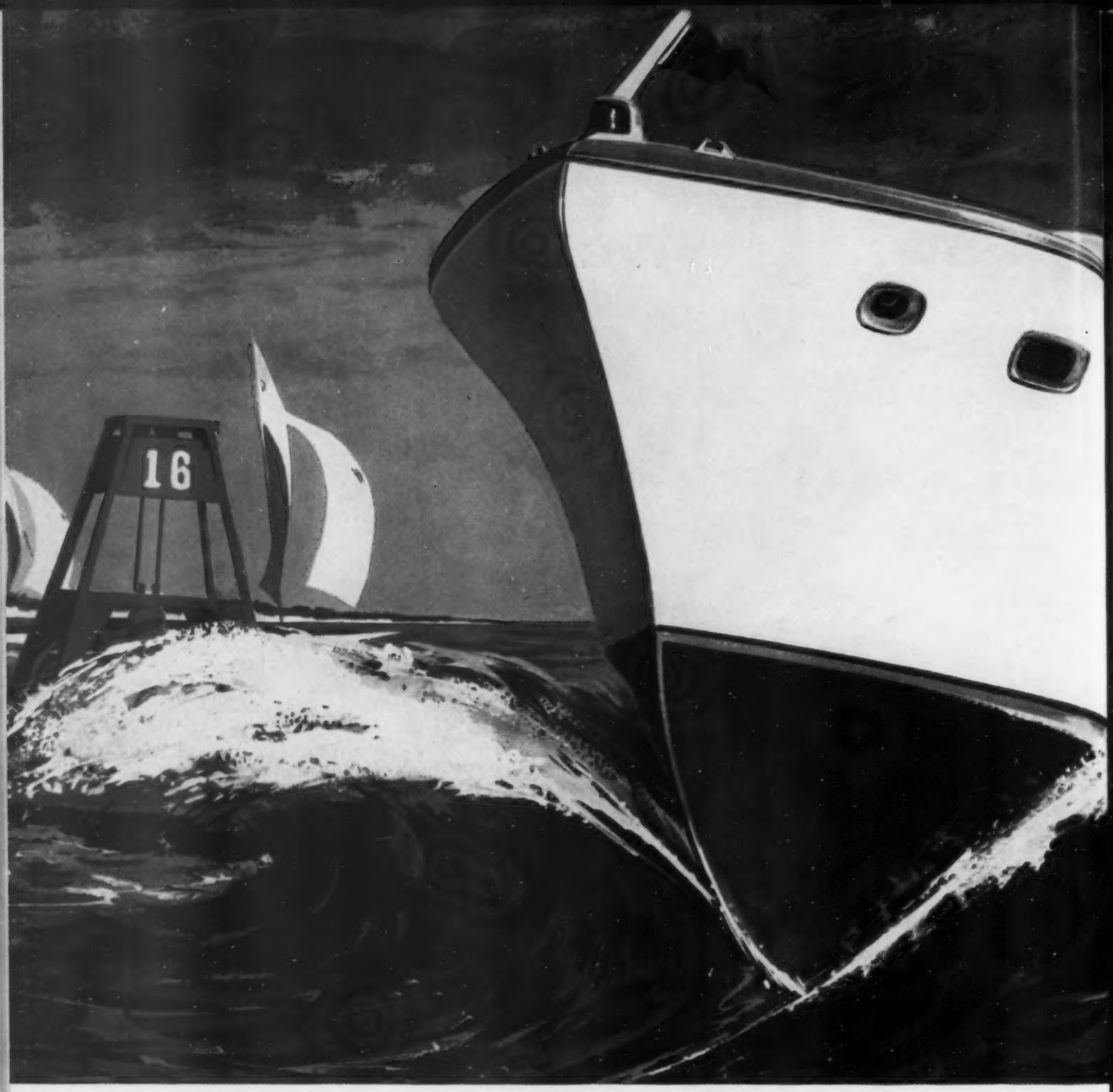
"MFG" fun to own, fun to handle, fun to care for!

Write today for new, colorful folder.

MOLDED FIBER GLASS BOAT COMPANY

69 Fourth Avenue, Union City, Pa.

GREATEST NAME MOLDED FIBER GLASS IN REINFORCED PLASTICS



the Thrill of Chrysler

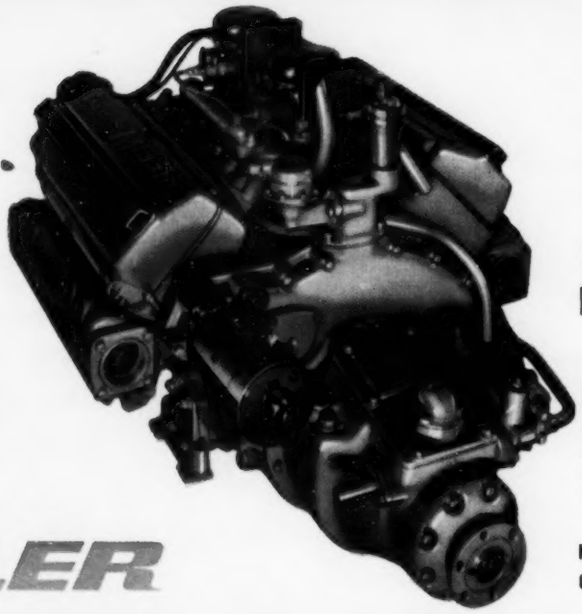
You nose her gently away from the pier . . . and point her toward deep blue water. Your hand closes on the throttle . . . half . . . three-quarters . . . full! Her engine answers with a surge of power . . . lifting her hull from the water . . . and your spirits with it! Now white water leaps all around you . . . the deep, throaty throb of power is at your command . . . and before you stretches the fine, clean line of the horizon . . .

THE DEPENDABILITY OF CHRYSLER ENGINEERING...

Chrysler Marine Engines are built to exacting standards specifically for marine use. Splash-proof ignition system; sodium-filled, stellite-faced exhaust valves; water-jacketed exhaust manifolds are only a few of the features that assure complete dependability. Chrysler's more compact and efficient design

AMERICA'S NO. 1 MARINE ENGINE . . .

Power...



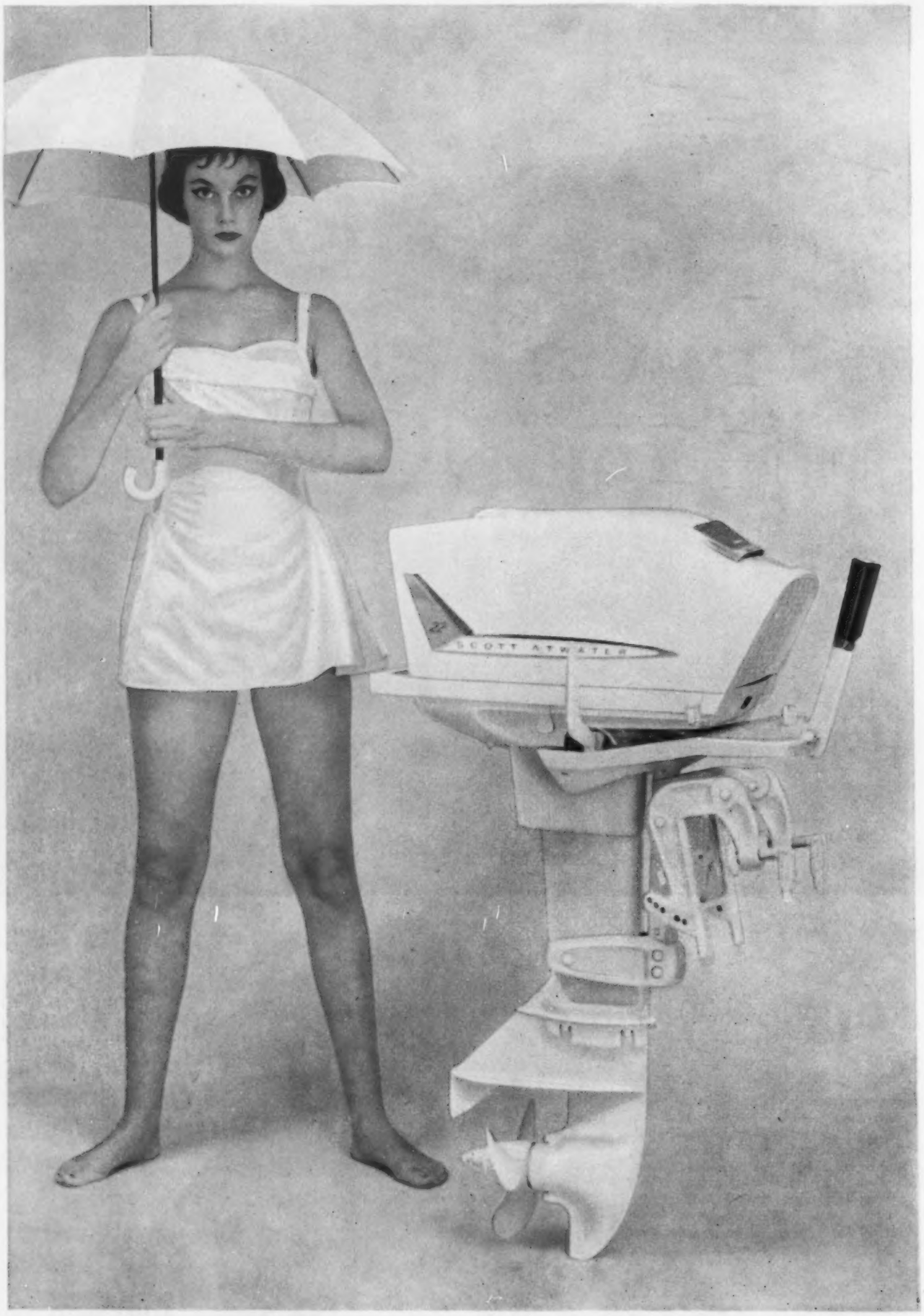
also assures you more power at the propeller, plus greater economy. All V-8s, for example, combine oversquare, short-stroke design with hemispherically designed combustion chambers. The result: Less heat and friction loss, reduced bearing loads, more fuel converted to usable horsepower. For complete details see your Chrysler Marine Engine Dealer or send for 1958 Chrysler Marine Engine Catalog. Address: Dept. 2D, Marine Engine Division, Chrysler Corporation, Detroit 31, Michigan.

See Chrysler Marine Engines displayed at 1958 National Motor Boat Show, Coliseum, New York City, January 17th through 26th

CHRYSLER IMPERIAL V SPECIAL 225 h.p. MARINE ENGINE. Other Chrysler Marine Engines range from 95 to 275 horsepower—for racy runabouts to large cruisers.

CHRYSLER

MARINE ENGINE DIVISION
CHRYSLER CORPORATION



SWIM SUIT BY COLE OF CALIFORNIA

She's twenty-two . . . she's all new!

THE SENSATIONAL SPORTS SCOTT 22 HP

WANT high-flying thrills with your outboard runabout? Want the pick-up power to send skiers skimming over the waves? Then hitch your hull to Scott-Atwater's spanking new "22"!

The Sports Scott is the most advanced outboard under the sun—a high-style, high performance motor that gives you everything—at a lower price!

She's slimmer, lighter, lovelier, but inspired engineering has packed her sleek frame with features no one outboard has ever boasted before. She's fast-stepping (up to 35 mph), but she's a lady . . . smartly styled in Raymond Loewy Associates' latest design. Easy steering, too, thanks to a new offset lower unit that counteracts torque.

New Double "V" intake valves give her the smoothest, silkiest "get-up-and-go" of any outboard afloat. A fuel-saver carburetor holds her appetite to a lady-like level; new rubber cushion mounts plus water-muffled exhaust hush her voice to a well-bred whisper. And remember, *only Scott-Atwater outboards bail your boat—automatically!*

Choose the "22" that's best for you—easy-starting manual model or push-button electric-starting model with built-in generator.* Choose from six bold new hood colors, standard or long lower unit.

Look over the all-new 22 hp (*OBC certified at 4800 rpm*) at your Scott-Atwater dealer's—the "queen-sized" motor that covers the whole range of outboard fun from fishing to skiing!

See all 10 great new Scott-Atwaters in a colorful, 28-page booklet. It's free—and it's packed with facts and pictures of all the exciting 1958 Scott-Atwaters from 3.6 to 40 hp. Read about Scott-Atwater's "Away from Home" service at more than 4000 dealers across the U.S. and Canada. Look up your nearest dealer in the Yellow Pages of your telephone book, or write Dept. PB-28, Scott-Atwater Mfg. Co., Minneapolis 13, Minn.

Buy Scott-Atwater for guaranteed

pace-setting
PERFORMANCE

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A Product of McCulloch Motors Corp., Los Angeles • Minneapolis • Toronto

**Built-in generator included at no extra cost*

BOAT CLUB BEACONS

BOAT clubbers all over the country are "taking in the slack" now, between lay-up time and spring fitting out. Well, almost all over the north country. There are those lucky navigators in sunny Florida, on palm treed shores of the South Atlantic, Gulf Coast, and Pacific, under the Trade Winds, places like that. The other day we got a letter from Mexico . . . But shucks, there's consolation for us Northern swabs in the variety of seasons, isn't there? (We personally are very receptive to iceboating invitations.)

And isn't it cosy down at the shop, with a pot bellied stove to station on, and a store of yarns (like the stack of work that waits) hauled out with the boats for repeated and affectionate review?

America's Cup

Conversation in another atmosphere fills the paneled walls of many a yacht club these winter days. The *America's Cup* is on the scene again, and the new conditions of the historic race are being discussed at length. The change in boat size requirements is, of course, the reason for the race's rebirth. The 130-foot beauties of yesteryear are available, even to the wealthiest, only as memories. But there will be enough 12 meter craft on both sides of the Atlantic to make the competition interesting. Other new conditions being talked about are the shortening of the course from 30 to 24 miles; a Royal Yacht Squadron representative to be stationed on the New York Yacht Club committee boat instead of one on each American yacht; and the measurements rules of the International Yacht Racing Union, which will be used for the first time. In brief, no yacht may rate over 12 meters, and there will be no time allowance.

But the conversations on the subject will not be brief, they will go on and on, until Sept. 20, the date of the first race; until the first yacht to win four races takes the Cup; and then, like all good stories, go on, and on, and on . . .

Now Hear This

Club members should pass the word around that the Coast Guard has ruled a change for lights on motorboats under 26 feet in length. The white stern light *may now be placed off the centerline*. Vice Admiral Alfred C. Richmond, Commandant of the U. S. Coast Guard, in commenting on the change, has said, "From a practical view, it was found that the installation of lights on the centerline of certain small boats, especially those propelled by outboard motors, was quite difficult. As a result of a thorough study, the ruling was made and the exception applies to boats under 26 feet in length equipped with either the white all around light or the white 12 point stern light."

Fresno's Floating Police

In California the boating population of Fresno County are remarking on the job Commodore Russ Spacy and his crew are doing to help Sheriff Willmirth police the local lakes. Like everyplace else, Fresno has more boats and, as a result, more water accidents than boatmen can afford. Also, like everyplace else, there's not enough money in the tax till to pay for adequate police protection on the water. So the local boat clubs went into a huddle with the County Supervisors, and the outcome was, first, a law to protect all persons using Fresno's waterways, and second, the creation of a volunteer sheriff's squadron composed of club members and public spirited citizens.

With 21 charter members and a membership limit of 50, The *Fresno County Sheriff's Powerboat Squadron* patrols the waters under a program of education and law enforcement de-

(*continued on page* 46)

"I can always tell a man by the cut of his jib," says Capt. Taylor, "just as I can tell the quality of a gasoline by the sound of my engine."

YOUR EAR MAY NOT BE AS EXPERIENCED AS THE CAPTAIN'S, BUT YOU CAN TAKE HIS WORD—AND OURS—THAT ESSO MARINE GASOLINE WITH MARNOL REALLY WORKS TO KEEP FUEL LINES AND TANKS CLEAN. YOUR VALVE ACTION WILL BE SMOOTH—YOU'LL GET QUICK STARTS, FAST WARM-UPS, KNOCK-FREE OPERATION. LISTEN TO THE CAPTAIN—USE ESSO MARINE WITH MARNOL REGULARLY FOR HAPPY CRUISING. WHEN YOU FILL UP, ASK YOUR ESSO MARINE DEALER FOR THE LATEST ESSO CRUISING GUIDE. IT'S FREE, A VALUABLE NAVIGATIONAL SUPPLEMENT.

ESSO MARINE GASOLINE..with MARNOL®

TIE UP AT THE ESSO BOOTH (NUMBER C-191-192) AT THE NEW YORK MOTOR BOAT SHOW (NEW YORK COLISEUM) HAVE FUN WINNING PRIZES!

PERFECTED BY RESEARCH
PROVED IN PERFORMANCE

Esso

MARINE PRODUCTS

(*continued from page* 44)
signed to protect boatmen from themselves, and the elements.

Each member is appointed an active Deputy Sheriff, and is thoroughly briefed on his authority and responsibility as a police officer, with Red Cross First Aid courses complementing the Sheriff's instructions.

Last summer the Squadron policed regattas, swim meets, and conducted normal patrols, with remarkable success and an absence of criticism. This winter they are training with the Sheriff's Posse, Aero-Squadron, and a Red Cross Mobile Unit, for simulated rescues.

Members donate their time, their equipment, and even their uniforms, not to mention their qualities as boatmen and conscientious human beings.

No wonder the boat clubs of Fresno are proud, and talking. They should be.

Long Island Sound

There's not much activity in the fleet out at the *Riviera Marina Club* on Manhasset Bay, Long Island. The big boats, except for a few, have gone south; and "Jack" and his crew are tending the herd of sleeping hulls that remain. They keep a fire going in the shack, and the regulars gather around it for warmth and a frequent gam. They overhaul every story of the past season, and all seasons past with subjects ranging from the *Annual Blessing of the Fleet* (500 boats paraded past Town Dock last June 15th to receive the blessings of three faiths), to the story of the Captain (who shall go unnamed) who had a most embarrassing accident while wearing the Owner's grey flannel trousers.

Everywhere

Well, there are all kinds of boatmen in this democracy. One wonders at the variety of clubs—from wealthy and dignified yacht clubs, which existed before the advent of the internal combustion engine, to outboard outfits springing up along every creek and pond in the country.

Perhaps it would be interesting to ask ourselves what inspires boatmen (more than hunters or fishermen and many other sportsmen) to band together in clubs. It has been said that "no man can draw a free breath who does not share with other men a common and disinterested ideal." The words are Antoine de Saint Exupery's in "Wind, Sand and Stars." And we may wonder how they apply to boatmen.

Certainly boatmen do not join together in a club just for fun. There is that attraction, but the work of administering a club cannot be written off as fun. Nor is prestige and some power the prime motivating forces which attract people to club officialdom. The vain and the selfish seldom dominate for long a group as intimate as a boat club.

It seems then that the members of a boat club must have some "common and disinterested ideal," whether or not they question it. And if that ideal is better boating, or a society of better boatmen, or a better society . . . well, we are talking about the same thing, aren't we?

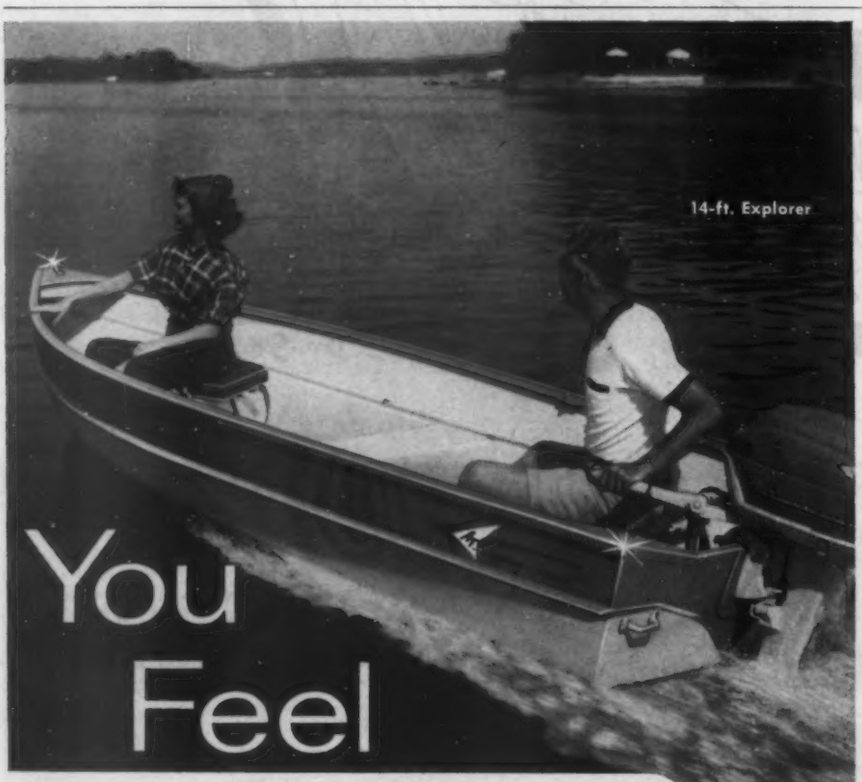
This of course invites definition of a good boat club. Ours is a simple one: it is that a good boat club is comprised of good boatmen who are good men and women as well as adequate sailors.

Ideal Boatman

This leads us to comment on the stature of the individual boatman. We think that the measure of a boatman is the distance between his head in the clouds and his feet firmly implanted on deck. It is wonderful to go racing about in a planing hull, with all the accompanying thrills; and it is great stuff to heel to a breeze or go powering over the horizon both nautically and mentally. Dreams are swell. But it is realistic and essential that the matter of life-preservers, fire extinguishers, signals, and such, be not forgotten in the process. A good boatman is a good *man*—and he does not neglect his responsibilities.

A good club will encourage, and train, and constantly remind its members of their responsibilities.

Then everybody will get together and have a real, fine time. —P. R.



Air-borne!

This boat is literally riding on air! The famous Cushion-Aire-Glide hull does it. Ask your Dealer to demonstrate the magic of Arkansas Traveler performance. Ask him also about the 19 great '58 models. The many beautiful color combinations. The one-piece, die-formed, Forward Sweep hulls. The perfect blending of lustrous Fiber Glass and maintenance-free aluminum. And the great new Arkansas Traveler GUARANTEE! See your Dealer soon—or write us for free catalog.

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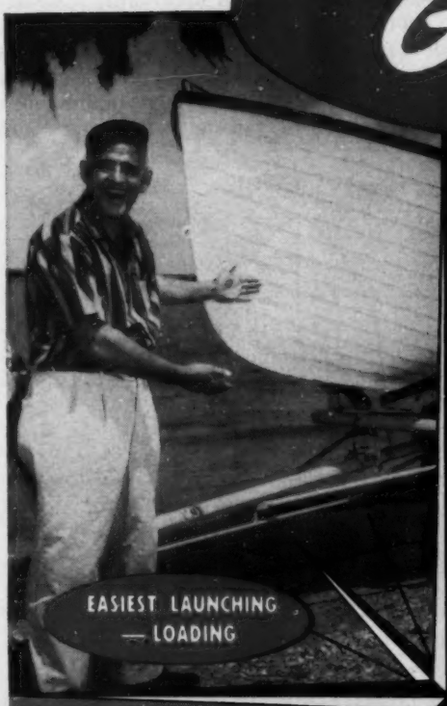
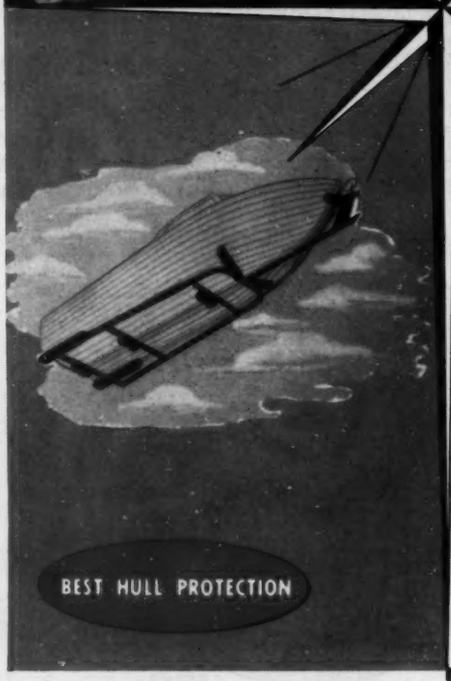
A Division of Standard Railway Equipment Manufacturing Company

YOU GET MORE with *arkansas traveler*

GATOR





.... always the choice of experienced boatmen!

When selecting your '58 trailer, COMPARE . . . and you'll learn why Gator is the favorite of experienced boatmen; the choice of fishermen and boating families who demand 'tops' in operational ease, road safety and durability. Gator owners know they have "all three"—smooth portability, work-free launching and loading, and dependable hull protection in transit or storage — to a degree unequaled by any other trailer. They know they enjoy another 'plus' — a guarantee of quality and service that is backed by a reputable manufacturer and its nationwide dealer organization. Compare—as other experienced boatmen do — and sooner, (not later) you'll own a Gator!

A COMPLETE LINE OF MODELS

to meet every trailer need for outboard boats — TRIGGER-ACTION for runabouts up to 17', FINGER-TIP CONTROL trailers for outboard cruisers. Also trailers for inboard craft and sailboats.

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SEND FOR YOUR FREE GATOR CATALOG

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Box 51, Sta. G, Jacksonville, Fla.
Please send illustrated color catalog describing new '58 Gator boat trailers.

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Pacemaker

SEA SKIFF

by LEEK

29' and 33' Cruiser and Express

Featuring the best in design, material and construction. Reserved for those who plan ahead. All models sleep four.

29' prices from $8100.00

33' prices from $10,250.00

Standard equipment includes:

125 H.P. Chrysler Crown with hydraulic controls
Monel gas and water tanks
Monel ice box
Bronze bolts and screws
Curved transom
Spray rails
Special pilot seat
Dish and glass rack
12 volt electric system
Medicine cabinet
Step plates
Boarding ladder
Electric wiper
Automatic bilge pump
Insulated cabin and pilot tops
Mufflers
Stainless on coamings
Mop
Electric water system
4" foam rubber cushions
Four life jackets
Four dock lines
100' anchor line
Danforth anchor
Mahogany steering wheel
Modern galley
Formica counter
Stainless steel sink
Five cabin and pilot house lights
Doors and windows screened
Stern flag pole and socket
Forward hatch
Nine stowage lockers
Four drawers
Two fire extinguishers
Four vents to bilge
Also the famous Leek finishes with colors selected by owner.

AUTHORIZED DEALERS FOR Pacemakers

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Comstock Boat Works, West Point Pleasant, N. J.
Hotaling's Boat Yard, Toms River, New Jersey
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Regal Marine and Sports Co., Houston, Texas
The Marine Sales Company, Annapolis, Maryland

C. P. LEEK & Sons Inc.

R.F.D. #2 LOWER BANK, EGG HARBOR CITY, NEW JERSEY

(*continued from page* 38)

do not keep magnetic objects nearby in drawers, cabinets or adjacent compartments.

For accuracy, the lubber line of the compass should be in exact alignment with the keel of the boat; and if the compass is portable, always install it in exactly the same location. Much care should be taken that other magnetic objects are also kept in exactly the same place, and with the same orientation. In the close quarters of a small boat, shifting a gasoline can, or an auxiliary outboard motor, might throw the compass off seriously. A small amount of deviation can be taken care of, but not if it changes from time to time.

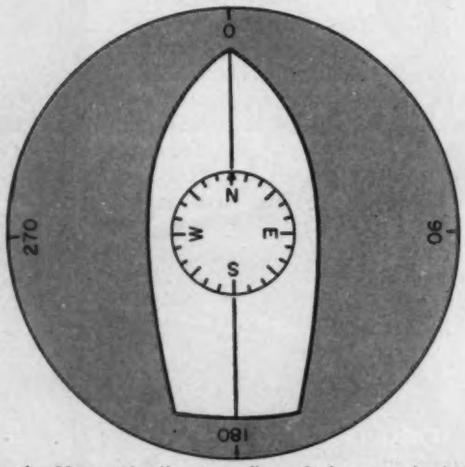


Fig. 1—Magnetically "pure" craft has no deviation.

Simplified Correction Theory

On a magneticaly "pure" boat, all compass readings would be "magnetic," and would correspond directly to the magnetic chart rose. *Fig. 1* illustrates this condition, with the boat headed toward the magnetic north pole and the compass indicating north, zero-degrees or 360° exactly. All other headings will likewise be indicated truly by the compass.

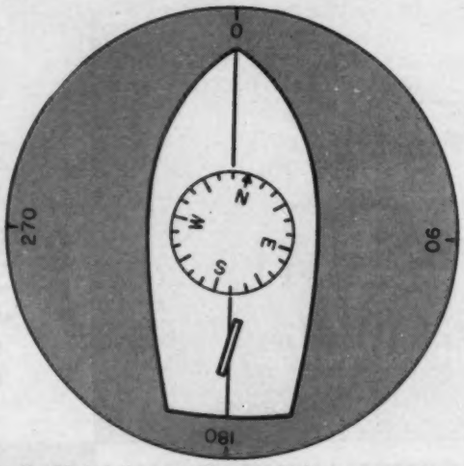


Fig. 2—Metal "magnet" may induce compass error.

Fig. 2 shows what can happen upon the installation of an engine or other magnetic object fairly close to the compass. In such magnetic objects the magnetism is not necessarily aligned in any certain direction. In this example, a somewhat "kitty-corner" effective magnetic equivalent is assumed, represented by a small magnet placed diagonally across the engine space. Note that although the boat is still headed toward magnetic north, the compass now reads 345°.

Fig. 3 shows that when the boat is headed toward the east, the compass now shows a heading of 105°. All "around

(*continued on page* 54)

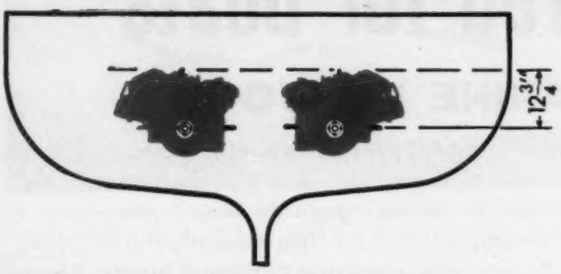
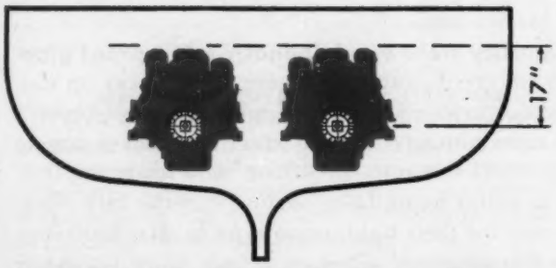


Diagram showing PALMER SPACEMAKERS installed. Note low headroom requirement.



Conventional Engines installed. Note they require far more headroom.

PALMER SPACEMAKER Engines require a third less space from timbers to decks than conventional engines. This is accomplished by the simple expedient of inclining the engines. All parts remain standard. Due to the relocation of accessories, they are all conveniently at hand, directly under the hatch. PALMER SPACEMAKER Engines are available with opposite rotation in true pairs. Both engines use standard International Harvester engine blocks.

Other PALMER MARINE Engines are available from 6 to 250 H.P. There is a PALMER best for every size and type of boat. Send for the folder "PALMER ENGINES FOR 1958." No obligation.

THE PALMER ENGINE CO., 581 RIVER ROAD, COS COB, CONN.

Richardson 43-foot Motor Yacht *(above)* Hi-Liner 14-foot Speed Star *(at right)*

Announcing a new kind of plywood—expressly engineered for boats

WELDWOOD ROYAL MARINE PLYWOOD

Today, the trend is to more speed, more power in boats. This makes their strength and seaworthiness more essential than ever for a boatowner's safety and for economical maintenance. To keep pace with the need for a more durable boatbuilding material, United States Plywood Corporation has engineered a new marine plywood, Weldwood Royal Marine Plywood.

Designed specifically for marine use, Weldwood Royal Marine is the most thoroughly engineered marine plywood available. It is the result of exhaustive research and testing. It is backed by the extensive technical know-how of the world's largest plywood organization. It is tailor-made to build longer life and less maintenance . . . new luxury, beauty, and enjoyment into your boat.

Already an important component of many boats now on the market—both finished and kit—Weldwood Royal Marine Plywood in *your* boat assures you of greater boating value, longer dependable service, and more boating pleasure than you've ever known. Here's why:

Produced specifically for use in quality boats, designed, engineered, and tested to meet the most exacting requirements for marine applications.

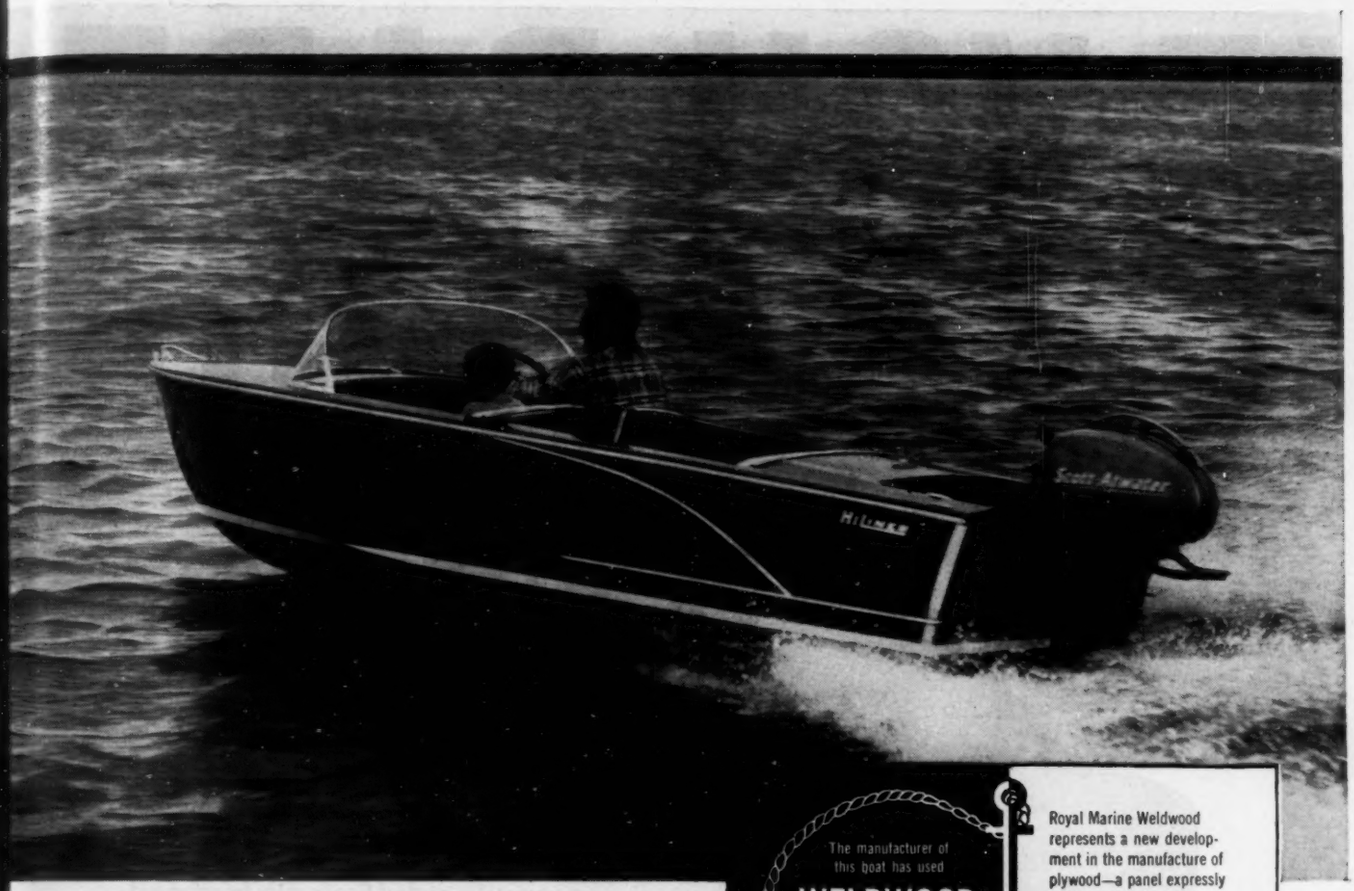
Finest woods, selected for their strength, impact resistance, beauty, and resistance to rot and fungus. Many woods commonly accepted for marine use have been proved unsatisfactory and rejected by Weldwood for its Royal Marine line.

High-quality Weldwood phenolic waterproof glue assures rot-proof, waterproof glue lines; backs up the Weldwood pledge: "Guaranteed not to delaminate, ever."

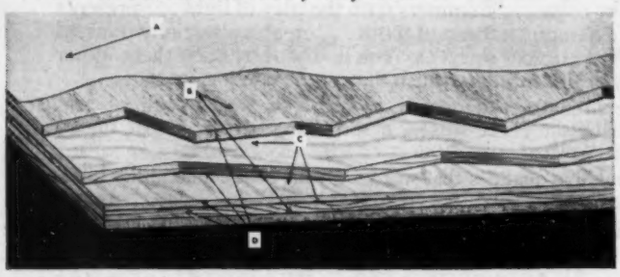
Sturdy cores with no core voids which can weaken panel, trap moisture, or cause "breathing" and blistering.

Paints or stains beautifully because superior face plies are chosen for their tight, smooth grain. Has high impact resistance.

Makes boat assembly or repairs easier, thanks to availability of extremely long panels that reduce the number of seams required. Panels have exceptional bending and tensile strength.



WELDWOOD ROYAL MARINE PLYWOOD QUALITY is illustrated in this cutaway diagram of Royal Marine Duraply. Marine Duraply, thanks to its tough, waterproof Crezon overlay, has extra-high resistance to abrasion and wear. It's ideal for hulls, decks, bulkheads, transoms, and other heavy-duty areas.



A. Crezon overlay is smooth, tough, easy to work. Surface is permanently weatherproof and waterproof . . . highly abrasion-resistant as shown here on one side.

B. Philippine mahogany veneers on faces of panel—and under the tough overlay—assure absolute minimum grain raise and smooth surface.

C. Fir inner plies are tight—no core voids.

D. Bonded with a high-quality phenolic waterproof glue—guaranteed never to delaminate. Note: in 3/8" construction as shown, fir and mahogany plies are of equal thickness.

WELDWOOD ROYAL MARINE PLYWOOD IS AVAILABLE IN 3- OR 5-PLY CONSTRUCTIONS OF:

Weldwood Royal Marine Duraply®—Abrasion-resistant Crezon overlay over Philippine mahogany faces needs no sanding, no undercoating, paints beautifully because grain can't show through. Withstands buffeting, won't blister, check or swell. 4' x 8', 9', and 10'; 1/4" to 3/4" thick. To 20' long on order.

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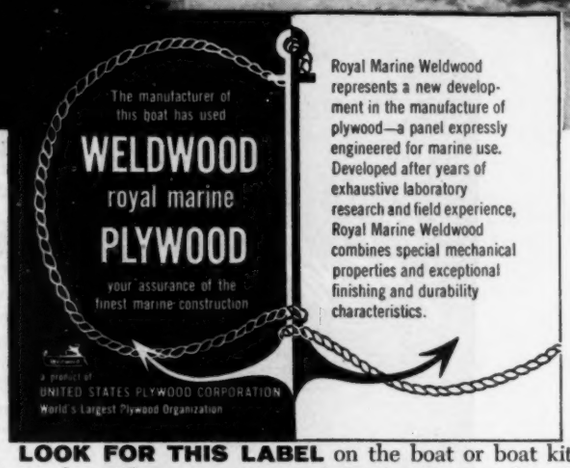

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Suddenly . . . your boat will look different—thanks to the magic finish of Federal Secret Agent! Its unique aluminum sheen highlights any color . . . shimmers with the play of light . . . presents an ever-changing pattern of tones . . . creates especially unusual effects on curved surfaces. You'll discover, too, these other features of this fabulous finish during the coming season:

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- insulative qualities that will keep your boat cooler under broiling Summer sun
- high reflectivity that adds an extra safety factor to night-time cruising

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Federal Secret Agent is an exclusive aluminum-base formula and is pigmented with Alcoa aluminum.

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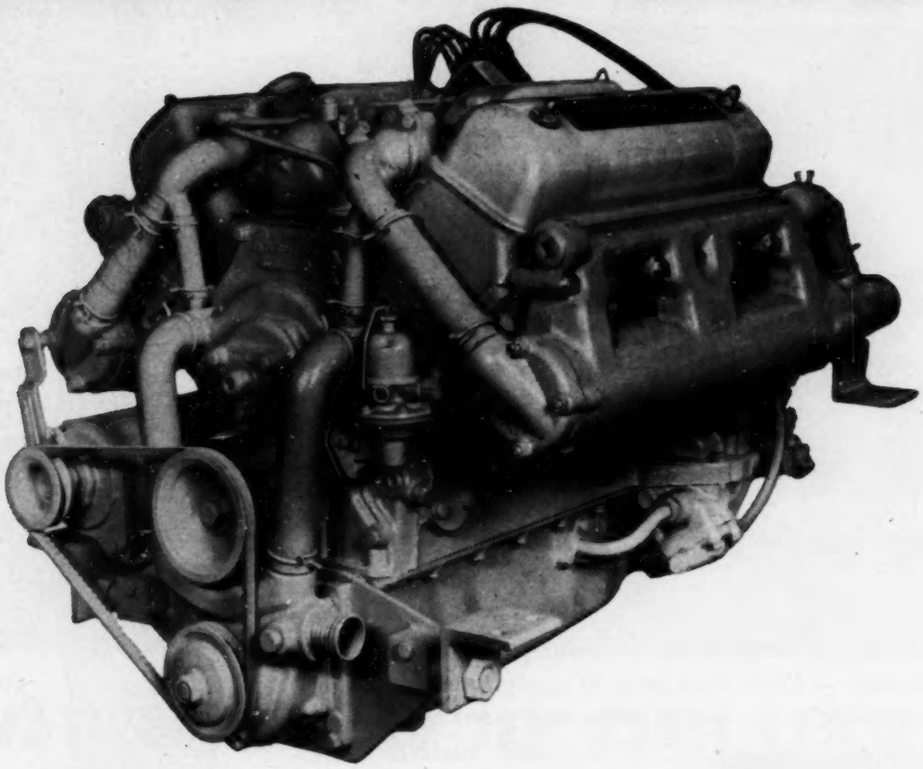

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We felt you deserved the pleasure of and were ready to accept a really modern power plant for your boat.

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This year you will witness a strong movement toward the modern, light-weight, efficient high compression marine engine first introduced by us. We will continue to stay a step ahead.

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ASK your marine hardware dealer for Cordoglas. If he doesn't have it . . . write

CORDO CHEMICAL CORPORATION
34 Smith Street Norwalk, Conn.

(*continued from page* 48)

the clock," deviation will exist, going from a minus quantity, as it was on the north heading when the compass reading was less than the actual heading, to a plus quantity, as it is now on the east heading, then back to minus. At only two points, as the vessel swings in a circle, will the compass read correctly. In this particular example, the zero-deviation points are at 20 and 200-degrees, although under other conditions, vastly different results can be obtained.

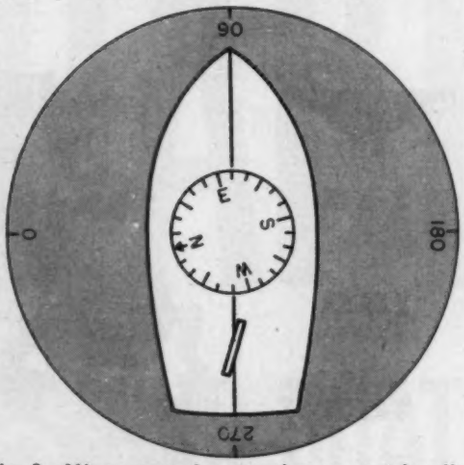


Fig. 3—Minus error is now plus on east heading.

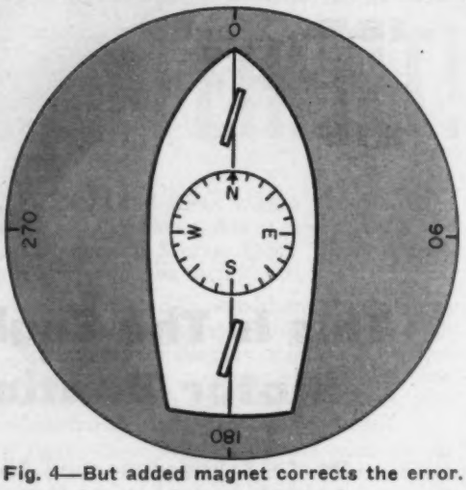


Fig. 4—But added magnet corrects the error.

Now, if we could put a magnet on our boat which had the same power as the effective magnetism of the metal causing the deviation, and place it where its pull would be equal and

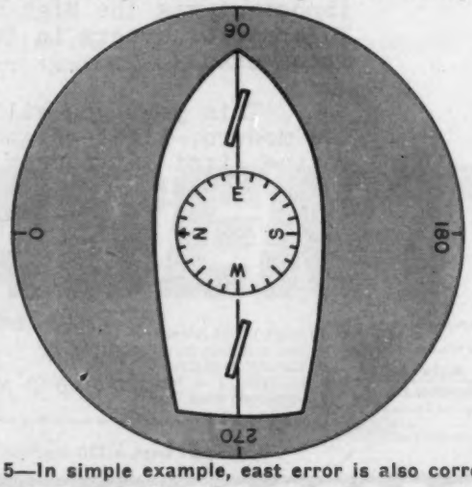
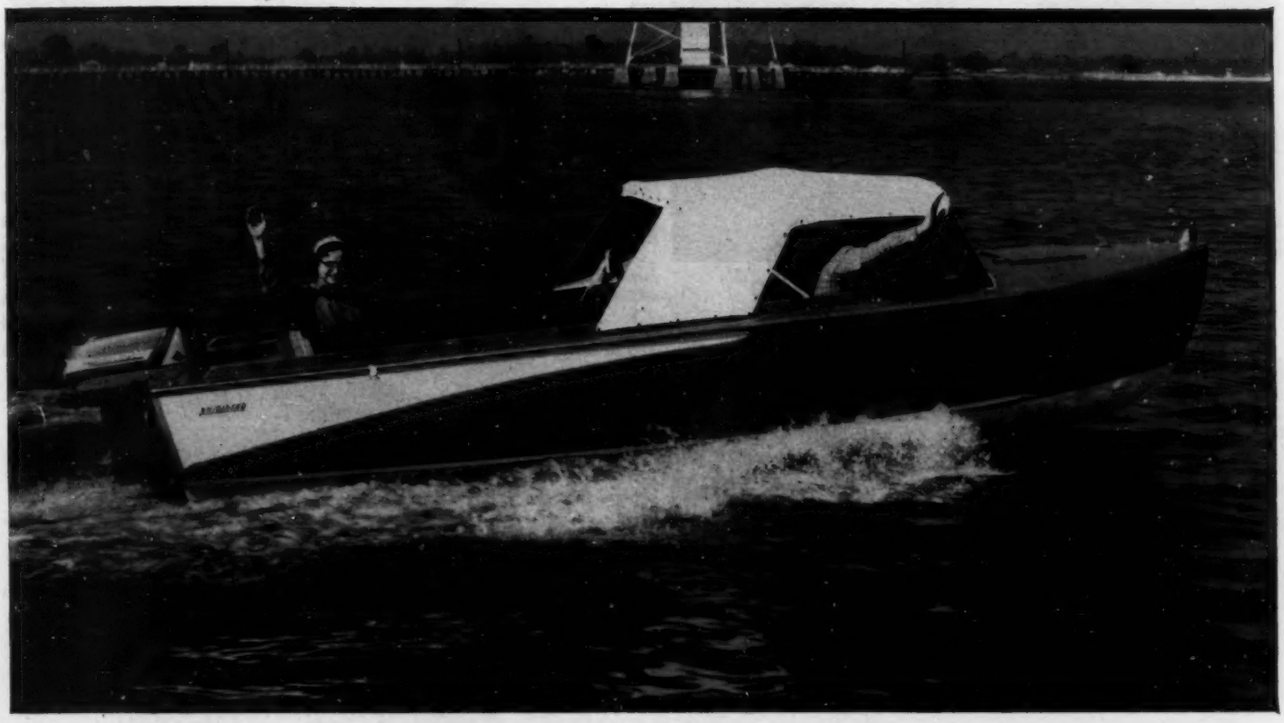


Fig. 5—In simple example, east error is also corrected.

opposite to the deviating force, the deviation would be cancelled. This is illustrated by *Fig. 4*, showing how the deviation on a northern heading has been corrected by a

(*continued on page* 56)

High, Dry and Handsome...



in the new WHIRLWIND 18′ DELUXE

It's exciting just to LOOK at this beautiful new runabout . . . and, once you're flashing along at top speed, you'll know how thrilling boating can *really* be! You'll zip along high, dry and handsome, because her wide beam and greater depth gives you a smooth, safe ride. What's more, this beauty, like all Whirlwinds, is built and tested for boating in the Chesapeake Bay . . . convincing assurance that she'll give top performance in any inland waters.

LOOK AT ALL THESE FEATURES FOR JUST A LITTLE OVER $1,000! *Streamline top, side curtains, two-tone hull color combination, mahogany framed windshield, rustproof, chrome deck hardware, walk-thru seat back, forward hatch for anchor storage and a 20″ high, reinforced transom for motors up to 75 hp.*

18′ Deluxe

16′ Deluxe

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There's a complete line of Whirlwind runabouts for fishing, cruising or family fun . . . from the 12′ Fisherman to the 18′ Deluxe . . . priced as low as $280.

There's more boating fun and less maintenance with a Whirlwind, too. A 6-ply mahogany plywood hull, molded, bonded and *baked* in one piece, means there are no seams or joints for you to caulk or putty every year. You just slip her in the water—and go! GET ALL THE FACTS!

See your dealer, or send today for the new, colorful 1958 Whirlwind catalog that illustrates and describes the full Whirlwind line. Tells why they're made different from most runabouts.

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Sixteen new models in aluminum and fiberglas

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(*continued from page* 54)

magnet so placed—in this case in the bow of the boat; and by *Fig. 5*, which shows how the deviation on the easterly heading has also been corrected. In a simple situation such as that illustrated, the compass would now read correctly on all headings, and the compass would effectively have been corrected.

But, although it illustrates the principle very well, this method would be difficult to put into practice, since the equal and opposite values (strength of magnet, distance and orientation) are not easily arrived at on a boat. Therefore, another method is used, which appears to be different but has the same practical effect.

No matter what the orientation, strength, and placement of the deviating magnet may be, the effect on the compass may be broken down into two components: one north-south, and one east-west. Accordingly, if we place the boat on a northerly heading and install a correcting magnet as shown in *Fig. 6*, the error on this heading may be cancelled completely. This correcting magnet is oriented so it turns

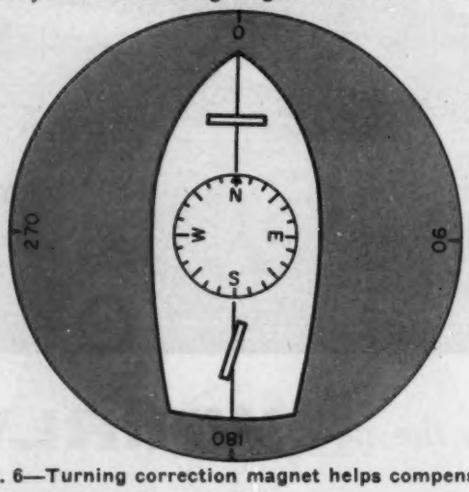

Fig. 6—Turning correction magnet helps compensate.

the compass card toward the right heading, and if it first pushes the wrong way, it is reversed end-for-end. Then the magnet is moved up to the compass until its force exactly balances the deviation force. The compass is thus corrected in the north-south direction.

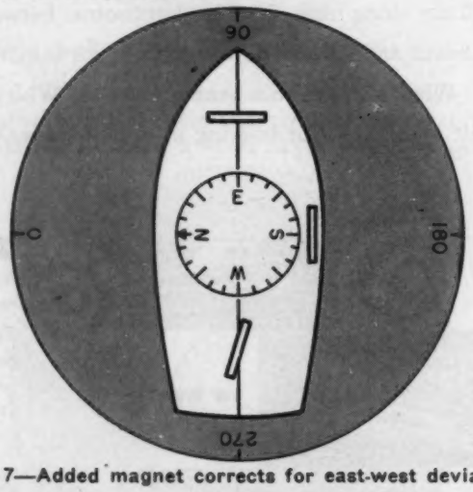

Fig. 7—Added magnet corrects for east-west deviation.

To balance out the east-west component, the vessel is headed east, and another magnet placed alongside the compass, as shown in *Fig. 7*. Again the magnet is pointed in the direction which reduces the compass error, and then moved toward the compass until the error drops to zero. The compass is now corrected for all headings.

You can become acquainted with this process (and get a little practice in the bargain) at home on the parlor table, using your boat compass, or an inexpensive portable type,

(*continued on page* 58)

For Boat Beauty

that is SKIN DEEP...

Put it on with brush or roller. Liquid Plastic VINYLON sheathes your boat in a 100% elastic "living" skin that stretches as your boat "works", can't crack, chip or peel!

VINYLON glorifies your boat with the most beautiful finish afloat ... *plus* these amazing extras no ordinary paint can give you:

- watertight protection that keeps even leaky craft snug and dry!
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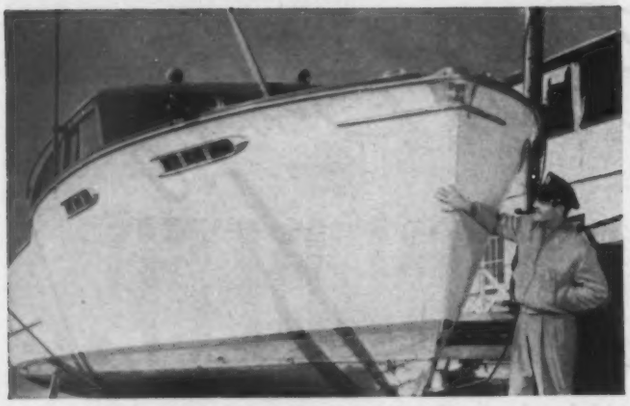

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(*continued from page* 56)

on a cardboard "boat." Any small, relatively weak magnet (such as a magnetized steel nail) can be used to supply the deviating force. For compensating, obtain a pair of compass compensating magnets (obtainable from large marine supply houses) with a length about equal to the diameter of your compass card.

Practical Correction

Many systems have been devised to put these principles in practice, but perhaps the simplest for the amateur is the one using the principle of reciprocal courses (to be detailed later), where first the boat is headed north by compass, and its actual course path over the face of the earth is recorded in some manner, and then it is turned around exactly 180-degrees (by earth measurement, not compass) and the compass reading noted. If there is no deviation, the compass will read 180-degrees.

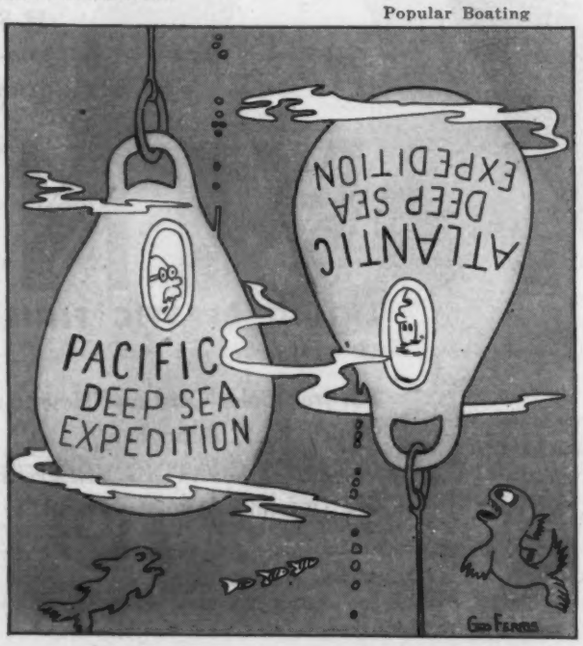
However, if deviation is present, the compass will read some other figure, which will be different from 180-degrees by the sum of the deviations on both the north and south headings. This means that one-half of this value will be the compass deviation that was experienced on the northerly course; and the other half represents the compass error on the southerly reciprocal course. Both of these deviations are caused by only one disturbing magnetic influence. So, if on the southerly heading a correcting magnet is placed so as to remove one-half of the total error, the effect of this one spurious magnetic field will have been balanced. The compass will now read correctly on both courses.

In a similar manner, a corrective magnet is placed by sailing reciprocal courses on an east-west line, after which the semi-circular deviation will have been corrected and, if there are no other disturbing factors, the compass will read correctly on all headings.

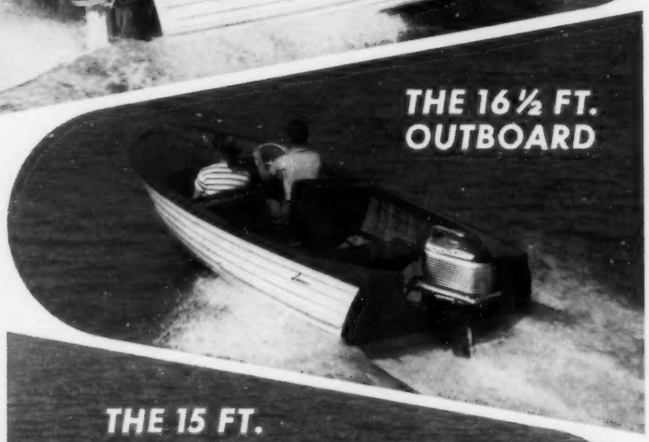
Thus, if we can just get our boat lined up on exactly reciprocal north-south and east-west course lines, correcting the compass is no great problem. But there is the hitch—locating those course lines. Usual methods of finding reciprocal courses may involve chart work, special instruments, a spare observer or two, setting out markers, several miles of running around in the boat, tables, arithmetic, and plenty of pencil pushing. *But* here is a relatively simple method I have used which, in today's agile small boats, takes a minimum of time and effort, no chart work, no pelorus observation of distant objects, practically no cruising around, and which, at the very most, requires one helper to steer the boat.

Next month we will describe this system in detail.—ELBERT ROBBERSON

Popular Boating



The LYMAN '58 *Clinker-Built Fleet!*



With new styling and new features, the 1958 Lyman line of Outboards is the finest ever offered. Clinker construction makes a world of difference . . . in greater seaworthiness, in drier, softer riding.

Lyman Outboards are durable, easy to handle, and thrillingly beautiful in every detail.

Before you buy any outboard be sure to see the sensational new 15 Footer, superbly styled, with an entirely new beamier, deeper hull for improved performance—the roomy, versatile 18 Footer—the smart, swift 16½ Footer—and the handy, economical 13 Footer, Fisherman, and Leader models.

Lyman Clinker-built Inboards are outstanding values in beauty, rough water ability, dryness, stability, and soft, level riding.

The all-new 19 Ft. Inboard Runabout is already making a great name for itself as a star performer—outstanding for seaworthiness and comfortable riding.

Biggest member of the Lyman family, the 23 Ft. Inboard Runabout is a husky, stiff, handsome model designed for open waters.

The famous 18 Ft. Islander is roomy and versatile—an ideal family-outing and fishing-party boat.

Lyman designed optional accessories of unusual smartness available for all Lyman Inboards.

Satisfied Lyman owners the country over agree—"You get more for your money in a Lyman." Send for 1958 folder showing all Lyman models and accessories . . . and name and address of your dealer.

LYMAN BOAT WORKS, INC. **1627 FIRST STREET** Sandusky, Ohio

MARK 58—45 h.p. Super Thunderbolt—4 cylinders in line

Never before such performance from a four! Only in Mercury can you find four-cylinder design improved and proved over the last ten years. The Mark 58 gives you the greatest fuel economy yet in high-horsepower outboards.

SEE A MERCURY FIRST...

MARK 28—22 h.p. Super Hurricane Twin

Newest slant in twins!—22 horsepower in a package no bigger than a ten! Power to pull two water skiers from deep water starts, yet perfect for trolling. Automatic transmission provides steering handle control of forward, neutral, reverse, and throttle. New single-lever remote control available.

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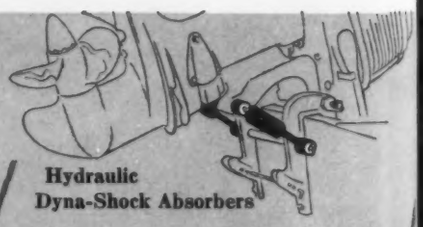

Hydraulic Dyna-Shock Absorbers

A Mercury first, on Mark 78 and Mark 58. Not a gimmick, it's a real safety feature. When engine strikes an object, two hydraulic shock absorbers absorb the energy of impact then bring the violent tilting of engine to a gentle stop. Automatic safety-tilt switch cuts off ignition when engine is tilted out of water, restarts engine when it returns to water without losing steerage.

"Photographed at Florida's Silver Springs."

MARK 78—70 h.p. Super Marathon
6 cylinders in line

World's most powerful outboard, this compact engine gives you electric starting, forward, stop, reverse, throttle *and* choke in a single lever control. Thrust power that is fact, not fable . . . unmatched load-carrying capacity. Everyone knows a six is smoother than a four. With 40 percent more horsepower, 30 percent less weight and half the space requirements, how can you lose? And what could be sweeter than a six?

and see the most that's new for '58

NEW PRICES
3 ALL-NEW MODELS

"Get the Facts" Compare Mercury with the other outboards in a special "showdown" demonstration at your Mercury dealer's now! Compare feature for feature, horsepower for horsepower, *and price for price.*

This Is Going To Be A Mercury Year! As usual, you get the most of the newest in Mercury outboards! The most horsepower, the newest engineering and safety features, the most new models —new electric starting models, new long-shaft models. See the line that's *really* new—the one that delivers *proved* dependability with a punch—*now at new prices which mean bigger-than-ever values.*

In any model, where can you match Mercury for horsepower per cubic inch, horsepower per pound, horsepower per dollar or miles per gallon of fuel? In the final analysis you *can't* match Mercury.

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A Mercury first. Optional on fours and sixes. Lights when raised, turns off when lowered. Meets Coast Guard specs.

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On Mark 78, Mark 58, Mark 28. No adjustments necessary except for idle, as on your car. Gone forever are the "television knobs," exposed *or* hidden.

NEW! 50% higher output generators; bigger, deeper throated clamp brackets, automatic transmissions, Econo-Miser ignition linkage for even more fuel economy.

Full Jeweled Power

Antifriction ball and roller bearing construction. *In Every Mercury!*

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You can readily equip this boat as illustrated, to compete with the best in Sport Fishing. Roomy—Maneuverable—Safe and Fast. Solid Planked—Lapstrake to Keel—Copper Riveted.

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MEMBER

There is room for all the family to enjoy speed in the new models. Chris-Craft, above, is 43 m.p.h. Capri.

Real water speed is no longer a thrill for racers only— Stock mile-a-minute runabouts are now ready and for sale

By ELLISON MICHEL

THE TREND toward more speed afloat is underway. America's boatmen now want to get where they're going faster; want to water ski when they get there; want to get back home before dark, if necessary, and have more fun in the process. America's boat and motor builders are making this possible.

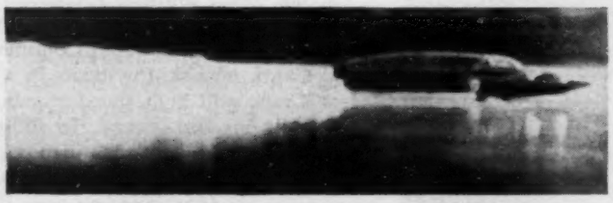
Even the fisherman slow trolling and the cruising family heading for a quiet cove to anchor and relax shows signs of looking for more power when they buy a new engine or choose a fast runabout for their second boat. If you are like most boatmen today, you may seldom run at full throttle, but you like the thought that more speed is available if you should want or need it.

The fastest pleasure craft for 1958 have been developed from racing boats. Just as the speed principles learned from automotive race tracks are incorporated into the cars of today, so hull and engine designs that have been tested at the marathons and closed-course competitions around the country will be appearing in fast family models in this country and abroad.

November 1957 saw the United States lose and regain the world's record for piston-driven craft. At Picton, Ontario, Jim Thompson's three-pointer, *Miss Supertest II*, was driven by Art Asbury over a measured kilometer course at 184.494 mph. early in the month. On November 29, driver Jack Regas pushed *Hawaii Kai III* to 194.649 mph. over the same distance on Lake Washington, Seattle, to bring the record back to this country.

WORLD'S RECORD HOLDERS

Wide World photos



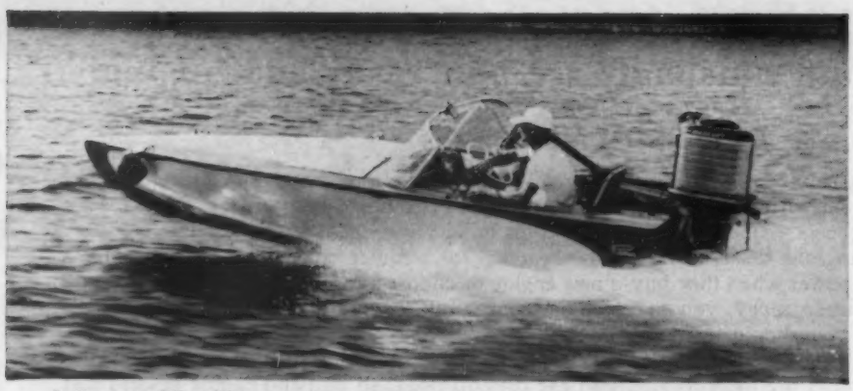
Bluebird II set new jet mark of 239.07 m.p.h.

Hawaii Kai III, at 194.649, took piston title.

Owners of the new 21' Century Coronado have reported up to 55 m.p.h. from the 300 hp of their tuned-up Cal Connel Cadillac Crusaders.

Modified inboard engines and higher horsepower outboard motors will be providing more speed this year for water skiers and pleasure boatmen looking for faster fun

A scaled down experimental three-pointer by Ted Jones, this model with twin Mercury Mark 75s delivering 120 horsepower has topped 50.



A Raveau 15' utility runabout popular for marathons, the craft shown completed a 25,000 mile endurance run and has been clocked over 42 m.p.h.

Considered by many to be the speed leader of the stock pleasure boat field, this Ancarrow Aquilifer does a guaranteed 60-plus m.p.h.

Regas also set a new mark for the measured mile at 183.350 m.p.h. The old mark, set by the late Stay Sayres of Seattle, was 178.497 m.p.h.

Designed like other Unlimited Class speedsters so that when on plane only the side sponsons plus propeller and rudder touch water, *Miss Supertest II* rides on a center tunnel of air as well that keeps the craft nearly airborne. It is a plan that may soon be incorporated into the very fastest runabouts; last year's boat shows saw a prototype worked out by Gold Cup designer Ted Jones for Bellingham Shipyards in Washington. Even the world's record holder for speed on the water, Donald Campbell's jet propelled *Bluebird II*, which set a new mark of 239.07 m.p.h. at Coniston, England, last November 7th to top his 1956 mark of 225.63, is constructed in a variation of the three-point design. On one leg of his runs he was clocked at a speed of 260.

Right now, around 65 m.p.h. appears to be the top speed for 1958 stock runabouts which you will be able to walk in and purchase. The 24-foot Ancarrow Aquilifer powered with twin Cadillac Crusaders guarantees 60, and users report 65 is possible. New and smaller models (and less expensive than the $19,500 Aquilifer) have been promised by Ancarrow for '58, which should provide speeds only slightly less. (*Editor's Note: See this month's P-B test of the Praetorian Speedster.*)

Close behind are Century Boat Company's 21-foot Coronado and 18-foot Arabian. Powered with 300 hp Cadillac Crusaders, owners have reported speeds up to 55 m.p.h. Dan Arena, famous racing driver, turns out the Barracuda, a stock fiberglass 19-footer that churns out 50 m.p.h. with its 215 hp Dearborn Interceptor.

Other stock inboard speedsters include the Olsen Montgomery Emancipators, Chris-Craft's rapid Continental and Capri, new ski-tow boats by Correct Craft, and high speed runabouts from Higgins and Owens. In addition to the power plants mentioned, new and more potent marine mills with

(*continued on page* 108)

. . . And for more performance from your present boat try out these quick—

Shortcuts to Speed

Your outboard, or inboard too, can benefit from these basic tune-up tricks that take only an afternoon and require no major overhaul

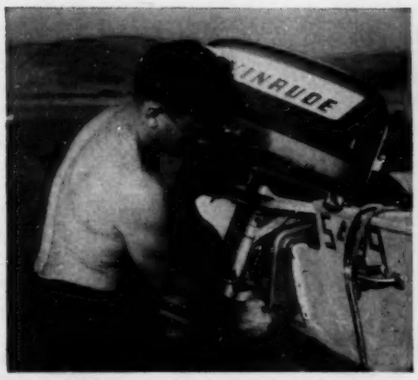
First strip down for action. After you have located an unrestricted stretch where it is safe to run full throttle, take off top and remove excess weights.

By V. LEE OERTLE

HERE are some quick tips to increase the speed of your outboard without any mechanical work on your motor or change in hull design. No matter what size boat or motor you may own, you can gain from one to six or more miles an hour by careful experimentation.

Both your hull and motor should be in top condition, of course, if you are after speed. Scrub down your bottom if the boat has been afloat and any growth or scum has accumulated. Remove all equipment that can cause excess weight or windage. Check speeds with a dependable water speedometer—and believe it. Few boat owners are good judges of speed on the water; many like to claim speeds which their boat is not set up to do. Arrange and rearrange weight and placement of passengers aboard to get best results over several trial runs. Have someone ashore watch to see that your motor's lower unit is at right angles to the water when you are on-plane and traveling full throttle. Then try the hints shown in these pictures; they are certainly not secret, but except for an expensive hop-up or overhaul, few boat owners go to the trouble to experiment with their craft.

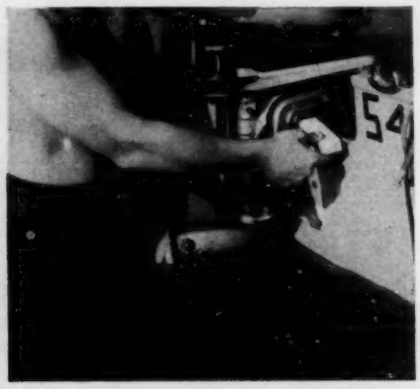
Most outboards have untapped extra power; you can get it only by setting up your motor to correctly match your boat. By trying these tests you have nothing to lose—and perhaps a lot of speed to gain. ⚓



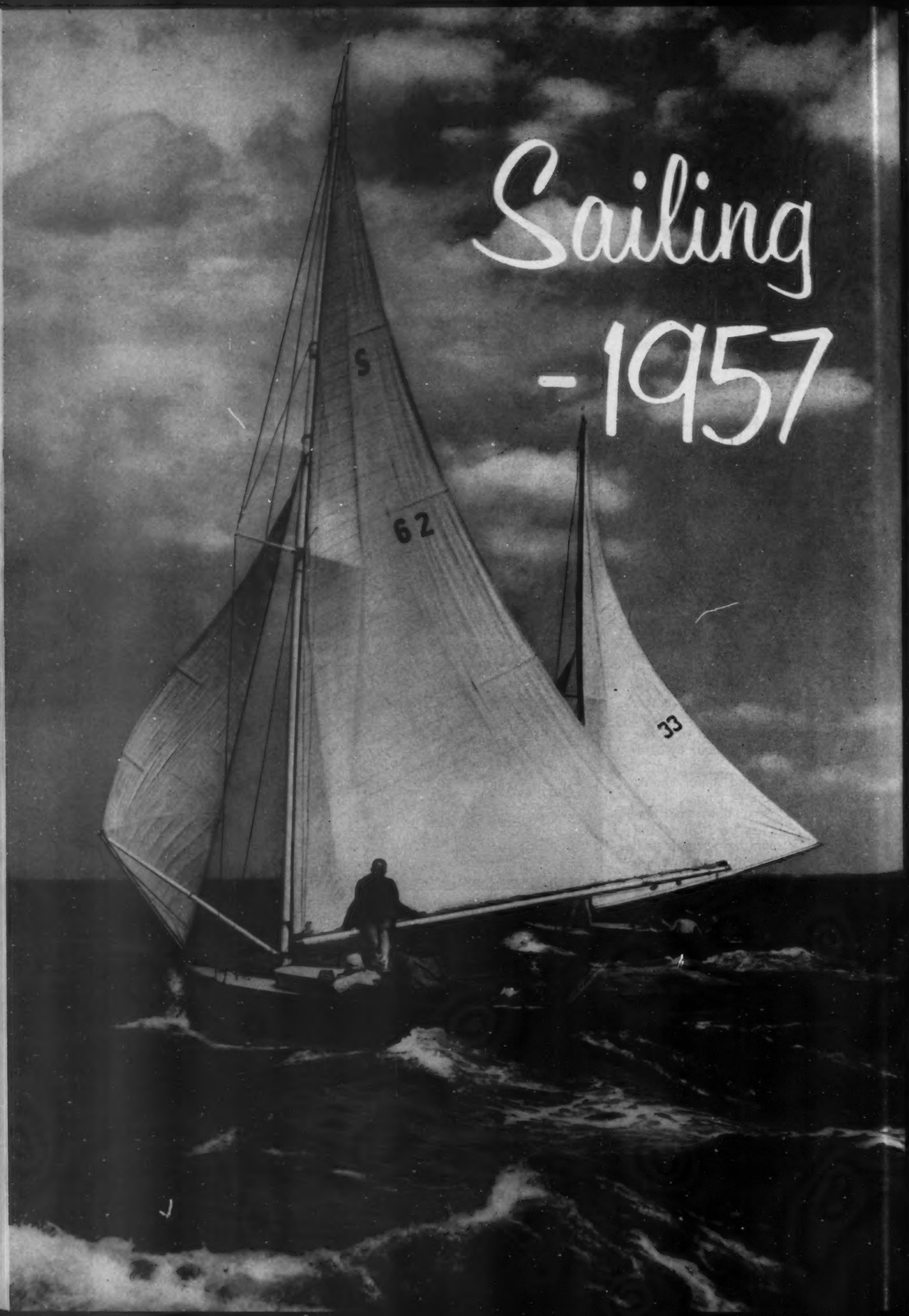
Vary tilt angle of engine until you are sure cavitation plate is level with water. Have shore observer watch.

With motor running wide open, have driver watch water speedometer while you adjust carburetor for extra m.p.h.

Borrow props from other boaters and check on rig against your speedometer. Change in pitch may add several miles.



With motor safety-chained to hull, try racing trick by raising motor ¼" at time and check speed. Tighten clamps well.


Sailing
-1957
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62
33

Fair winds plus fine sailing helped set new records, and the long shadow of the America's Cup is pointing toward great racing in the year to come

By WILLIAM NOBLE

YACHT racing's most important moment in the year just past did not take place on an expanse of sail-dotted water, but rather in the brick and mortar New York Yacht Club at 37 West 44th Street, Manhattan, last May 16. During the lunch hour that day the NYYC governors accepted the challenge of England's Royal Yacht Squadron, and a revival of yachting's greatest event—the *America's* Cup competition—was assured for 1958.

The season ahead will be a most notable one for the sport because of the tremendous impact of this 107-year-old rivalry that has not had a revival since 1937.

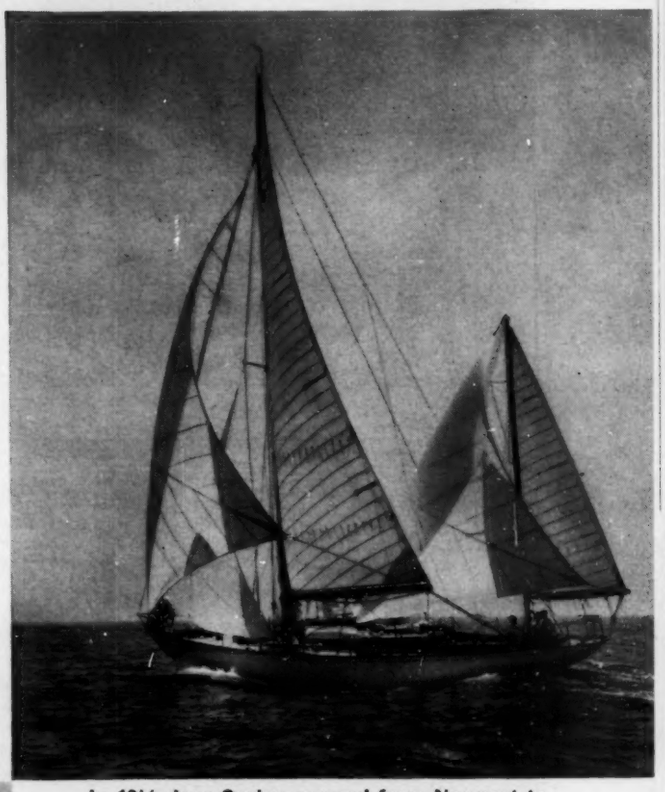
The cup races between *Sceptre*, England's challenger in the international 12-meter class, and a U. S. defender still to be selected, will be held off Newport, R. I., starting September 20th, and the winner will be the first boat to win four races.

There are now three new boats building in the United States which with a fourth, the 20-year-old *Vim*, will contest for the honor of defending the old mug, the *America's* Cup. The forming of the new-boat syndicates in the 12-meter class, the one agreed upon by defender and challenger, was news in 1957 although actual competition among the Twelves cast only a faint shadow on the yachting year. *Vim* was in the shipyard most of the season and the only others in commission, *Nyala* and *Gleam*, appeared briefly in Eastern races, notably during the New York Y.C. cruise in August, and won an occasional prize.

(*continued on page* 110)

Rosenfeld photos

Harrier, a 41′ Concordia sloop, followed her Annapolis to Newport win with four more firsts with her designer, C. Raymond Hunt, at the helm.



In 19½ days Carina crossed from Newport to Spain to top Criollo, and then went on north to win England's fabled Fastnet and bring America her most outstanding international successes of the racing year.

POPULAR BOATING's

SAILING HONOR ROLL—1957

OCEAN RACING

Carina—Richard S. Nye	Greenwich, Conn.
Criollo—Dr. Luis H. Vidana	Havana, Cuba
Harrier—C. Raymond Hunt	Boston, Mass.
Dyna—Clayton Ewing	Green Bay, Wisc.
Legend—Charles Ullman	Newport Beach, Calif.

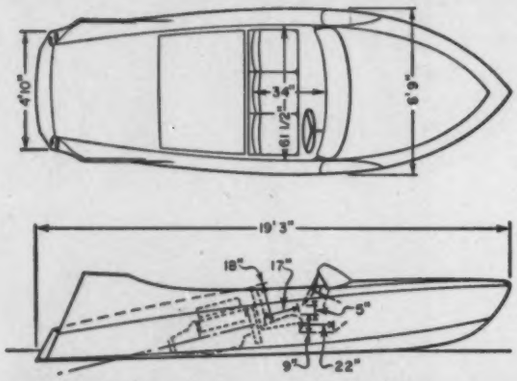
SMALL CRAFT

George O'Day	Boston, Mass.
Mrs. Jane Pegel	Chicago, Ill.
John Merrifield	Southport, Conn.
William Cox	Darien, Conn.
Lowell North	Chicago, Ill.
James Carson	Metedeconk River, N. J.
Fred Schenck	Newport Beach, Calif.

For the first time in 35 years the fine old S Class, at left, held a national series. First place winner was John Judge, Larchmont, N. Y.

POPULAR BOATING tests

ANCARROW PRAETORIAN



Builder Newton Ancarrow, above, shows a passenger the three foam-rubber upholstered seats that make the ride comfortable at high speed and earned an excellent rating.

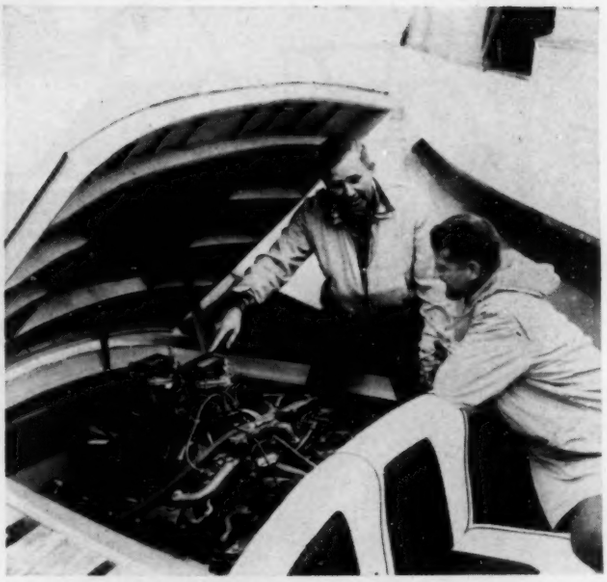
A speed of 55 miles-per-hour is guaranteed for this new 19-foot runabout which hit 59 in P-B's test trials

Propeller, specially made of Inco Ni-Bral, is well forward of transom. Small rudder size adds to safety.

By HANK WIEAND BOWMAN

IN 1957 a 24′ sports runabout was a belle of the New York Boat Show. She bore the name Aquilifer. Despite a rugged frame under her sleek outer skin and luxurious foam rubber seats for eight passengers, the quiet purr of her twin engines could turn into a deep throated roar as she skimmed across the waterways at better than 60 m.p.h. The idea of a luxury runabout unconditionally guaranteed by its manufacturer to clock a mile a minute stemmed from Newton Ancarrow's frustration.

Three and a half years ago Newton Ancarrow, now President of Ancarrow Marine, Inc., Richmond, Va., owned a Ventnor runabout powered by a Cadillac Scorpion. Newt, a chemist and physicist by profession, was strictly a part time hobby boatman and a water hot-rodder at heart. The faster a rig could go, the happier he was. The Ventnor was by no means a dog—in fact it was the fastest pleasure boat on the Rappahannock. It could clock close to 45 m.p.h. but Newt wanted something far faster. He got in touch with several manufacturers of sports runabouts. They seemed quite willing to talk speeds well above a 50 m.p.h. pace. Newt in turn was willing to lay his money on the line for any of these fast rigs, *but* he wanted a written guarantee that the boat when delivered could match its manufacturer's optimistic advertised claims. None of the manufacturers would give him such a guarantee.



Designer Norman Lauterbach points out to test driver Bowman the two four-barrel carburetors which require tremendous air intake for the 300 hp Cadillac Crusader.

Praetorian is dry, even riding in a chop. Her bottom design is clean with no tricks; beveled chines add to safety in turns and offer less wetted surface at speed.

POPULAR BOATING

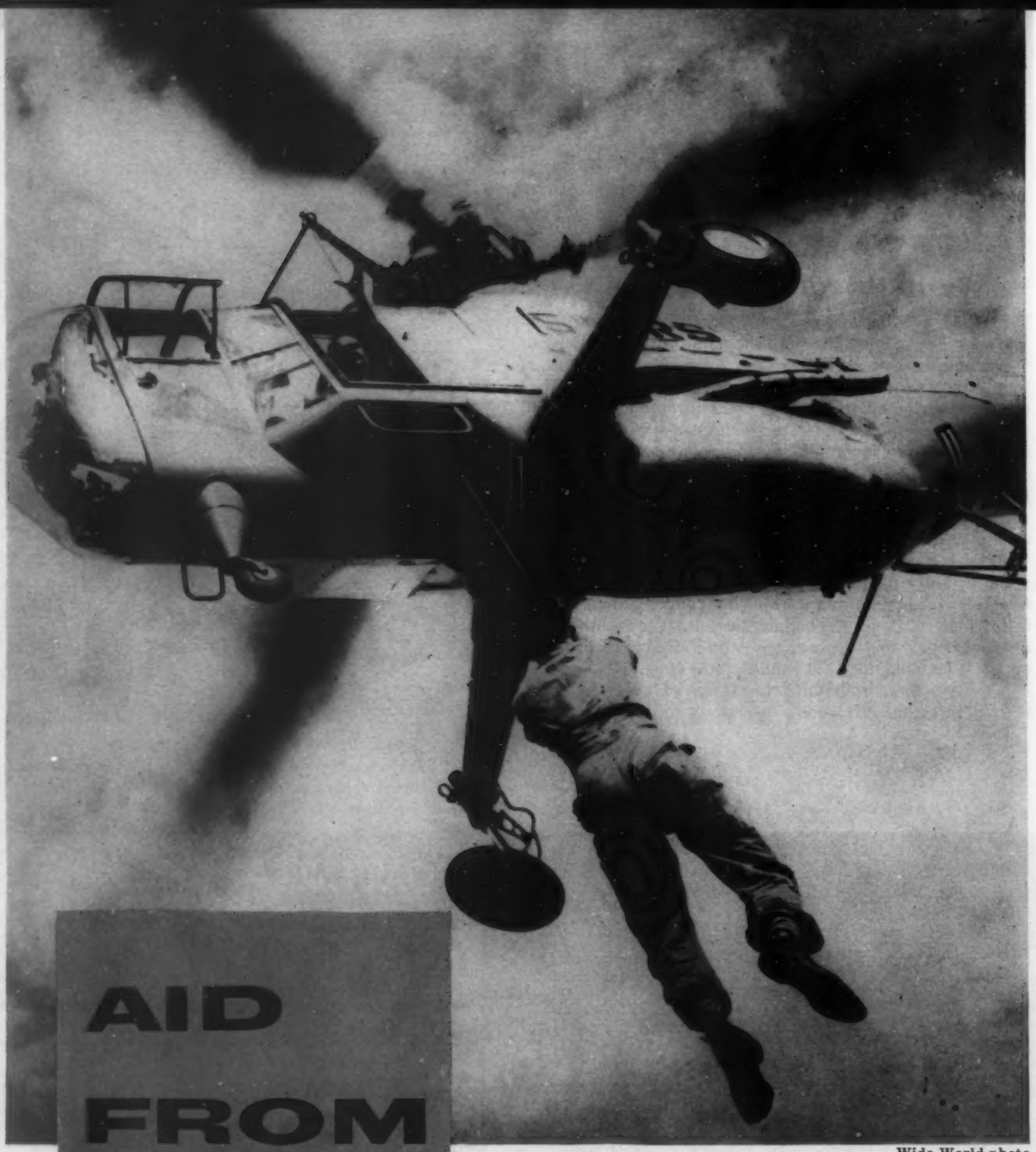
RATING FACTORS BOX SCORE	Excellent	Above Average	Average	Below Average	Poor
Safety		✓			
Comfort	✓				
Adaptability					✓
Durability	✓				
Styling	✓				
Speed	✓				

"I figured I'd be buying a pig in the poke," Newt said, "so I decided I better have a custom built job made."

One of the charter members of the American Power Boat Association's Honor Squadron, an ultra-select group of individuals who have achieved speedboating fame, was Adolph Appel. Appel had refined the early three-point suspension hulls that were forerunners of today's dazzling speedsters of the inboard powered regatta circuits. Adolph's son Arno inherited the family design talent and enthusiasm for speed, so he carried on the family tradition of building high speed boats. Reportedly, Sir Malcolm Campbell's piston driven *Bluebird* was a scaled up version of one of Adolph's and Arno's designs.

Newt Ancarrow, discouraged by his inability to find a stock boat that was guaranteed to meet his speed requirements, contacted Arno Appel who accepted Newt's challenge. Appel agreed to build a 24-footer with enough power to make it a 60 m.p.h. bomb with Rolls-Royce comfort. Only the highest quality components went into the boat, designed and built on a cost-plus basis. She was powered with twin Cal Connel Cadillac Crusaders developing 300 horsepower apiece. The boat more than lived up to Newt's expectations and Arno's guarantees during her first tests in early 1956. She hadn't been cheap to build but she had speed to spare at no sacrifice of quality finish and durability. The Appel-built boat clocked better than 65 m.p.h. and after a few rides in her, Newt suddenly decided that he was going into the boat building business. He was sure

(*continued on page* 100)



Wide World photo

AID FROM THE AIR

By ROBERT J. SHEKTER

Many helicopters, like model above, cannot land on water and might be endangered if you were in panic and tied the rescue cable to your boat. Instructions must be followed carefully.

IT WAS A clear and shining San Francisco day, and the boat roaring toward the harbor threw out flat sheets of spray as it knifed the quiet water. The craft banked gently, turning to the channel, then tightened her turn to cut inside the buoys and take a "shortcut" to the dock.

Almost at once, disaster struck. The impact of an underwater ledge stove in her planks, opening her bottom its full length. Crazily, the boat rolled on her side and quickly filled. While her passengers scrambled for their life vests, a crowd formed on the shore. Some one telephoned for help and inside of ten minutes, a Coast Guard helicopter had arrived. It was, in the words of the helicopter pilot, an excellent set of conditions for rescue. Wind, sea, closeness of the accident to shore, and immediate availability of the aircraft were all ideal. And yet a normal, straightforward, life-saving procedure was turned into a tragedy, because neither the victims nor the crowd had the insight and knowledge necessary to cooperate with the helicopter pilot and his crew.

If you run into boating trouble this year— chances are a helicopter may hover above to help. But a successful rescue requires cooperation: Here is what you will need to know

Equipment, right, which may be dropped to you from a Coast Guard amphibian includes a food pack, life raft, Gibson Girl emergency signal, and hand-size transmitter.

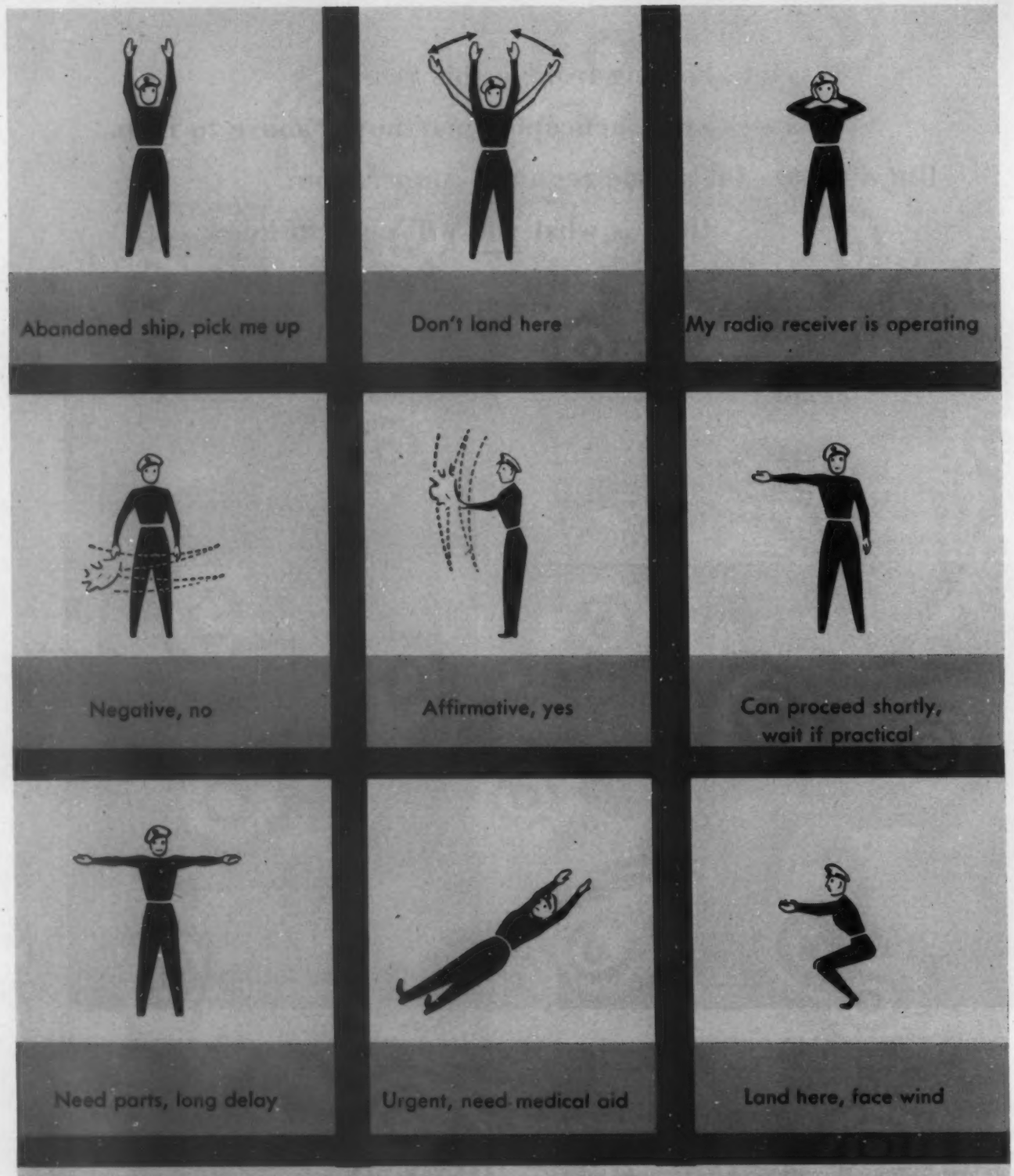
If a sling is lowered to lift you from the water, first read the instructions printed on it as on every piece of rescue equipment.

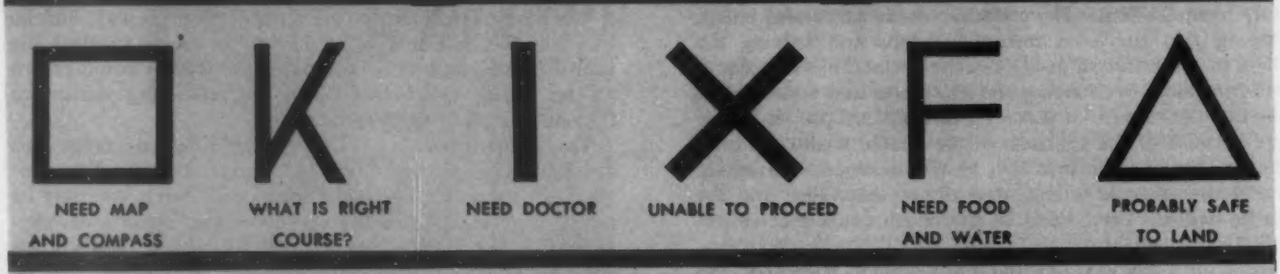
Photos by author with cooperation of USCG District 7 Airsea Rescue Base

Here is how the pilot described the situation. Flying a Sikorsky land-based helicopter, not equipped with floats, the pilot hovered over the survivors, all of whom he had safely located afloat. The crewman made successful hoists, bringing two survivors into the cabin, and leaving the others in the water to await a second trip. This was a precaution against overloading the helicopter and endangering everyone concerned. It was a reasonable and proper procedure because of the nearness of the beach, where the pilot intended landing the first two he had rescued. He would then return at once to the survivors in the water, and the pair he had just discharged on the beach could receive immediate medical attention.

He hadn't counted on the unintelligent power of the crowd. The throng of curiosity seekers swarmed over the available landing area, and although the pilot demonstrated his intentions by going through the motions of landing at several different points, they blindly refused to give him room. A helicopter is a big machine; its main rotors turn through more than 2000 square feet of area, and its tail rotor cuts a vertical swath. Unable to unload his survivors locally, the pilot was obliged to fly them all the way back to his base. This took ten more minutes each way, and he had wasted additional valuable time in trying to clear the crowd. As a result, by the time the helicopter could return to the rescue, death had taken the remaining victims as they attempted to swim for shore.

Every boatman can learn valuable lessons from this drama. If you are in trouble in your boat during the coming year, there is now a very good chance that you may be aided or rescued from the sky by one of these awkward-appearing but maneuverable angels of mercy. But knowledge on your part, both for your own safety and that of the helicopter crew, is likely to be essential for a successful rescue. With the cooperation and assistance of the U. S. Coast Guard, and Commander Epley of the U. S. C. G. District 7 Airsea Rescue Base at Dinner Key, Florida, we explain here some of the key points you should remember.





BOAT-TO-AIR SIGNALS

The visual emergency signals above should be posted or kept available aboard your boat. The body signals can be used to transmit messages to a helicopter or search and rescue plane. Go through motions slowly and repeat each signal until you are positive that the pilot understands you. The code distress symbols, at bottom, should be laid out with strips of fabric, driftwood, stones, or any available material and 10' high or more if possible. Pilot may acknowledge by rocking wings, and drop message block or communicate by loudspeaker.

Let's start by seeing who makes up a helicopter rescue team, and what they can and cannot do.

Ever since the 15th Century when Leonardo da Vinci landed on his head in a primitive "helicopter" invention at the foot of the Piazza d'Italia, men have been stunned by the problem of vertical flight. What Leonardo lacked in protection for his head, he made up in sheer brains, for the only fundamental difference between his flying machine and our helicopter is the source of power. Today's power is at once a strength and a weakness. Generally speaking, the helicopters we are considering limit their rescues to a radius of about one hundred miles, and since they use maximal power in hovering, they consume fuel most rapidly when they hold stationary flight. Because all aircraft must work against gravity, there are definite limits to the weight a helicopter can carry. And the weight it can lift while hovering is quite a bit less than that which it can carry if it gets a running jump take-off. When a helicopter arrives, decide without delay who should be rescued first.

The equipment ordinarily carried by helicopter crews varies with the locale in which they're operating. Designed to attach to the cable of a power driven winch are sling, basket, and stretcher for hauling the survivors aboard. There is often an inflatable raft to float victims until additional aid is sent. Emergency rations, medical kits, Gibson Girl transmitters, message blocks, blankets, and other protective gear may be carried, and all rescue equipment carries instructions in English and Spanish (or other suitable language) and picture-directions for its use.

The helicopter itself is manned by a pilot and co-pilot, and carries a minimal crew of one enlisted man in the cabin, unless there is good reason to believe that extra crew are needed to assist the survivors. The crewman can communicate directly with survivors by means of an electric megaphone and message blocks.

Probably the first thing a helicopter will do, if he's just out cruising and you seem to him to be in trouble, is come down and circle for a closer look. If everything's all right, and you don't need any help, raise your right arm and wave. The Civil Aeronautics Regulations have established this as the signal meaning, "Everything's O.K." The helicopter will then go on its way, and you can return to your fishing. You may want assistance, however, so learn the useful signals presented with this story. When the pilot reads your signals, he may have a message, some questions, or advice. If he throws a block of painted wood, often with a colored streamer of ribbon on it, it's a Message Block. If at all possible, pick it up. There's a note inside, beneath the cork stopper. It might say something important, even if you don't want help. For example, it can be a hurricane warning, or a request that you lend assistance to somebody just out of your range of sight. The ribbon on these blocks generally carries the lettering MESSAGE INSIDE, but in at least one famous case a survivor picked up the block and looked it over carefully outside; then, without pulling the cork, he put it in his pocket and sat down to wait.

If you are drifting, anchored, or aground, yet too ill to stay on deck, study the Civil Aeronautics Administration signals you can make in the sand, or lay out with oars, spars, or sails, on your cabin top. Any passing aircraft will recognize them and report you to the nearest rescue source.

The best daylight signalling device ever invented is the mirror. An outstanding example of rescue by mirror flash

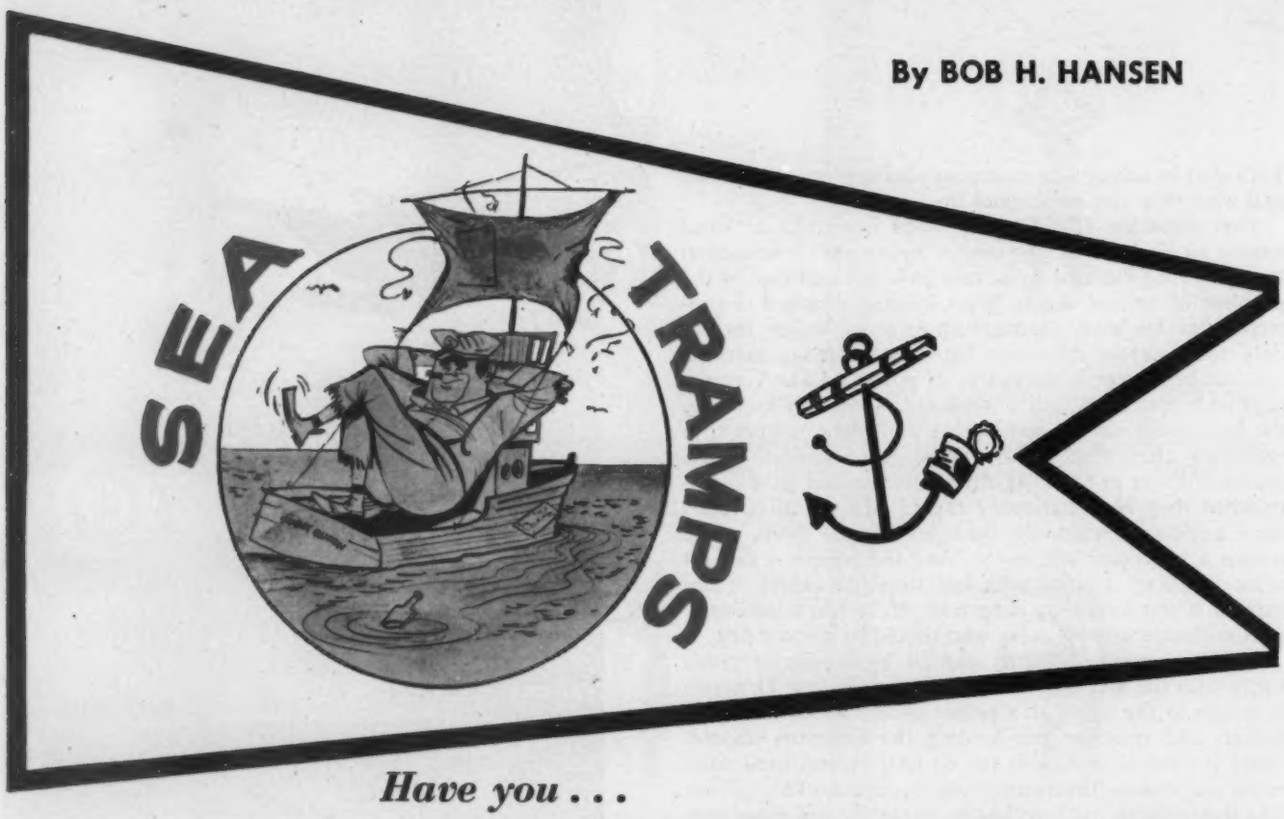
(*continued on page* 119)

Aground on a coral reef in the Florida Keys as a severe line squall approaches, sailor at lower right watches help arrive from whirlybird above.

Basket, like all helicopter rescue apparatus, will float; bottom hangs below surface. Sailor, above, must keep basket from fouling in sailboat's rigging.

Stretcher will also float with man aboard. Note ridge for separating legs; safety belts. Lift sling will slant litter so victim's head is raised slightly.

By BOB H. HANSEN



Have you . . .

Looked longingly at bigger boats than you could afford?

Wished you knew how to fix up a damaged cruiser?

Wondered where to find and trade-up for a good used boat?

A group on Puget Sound that call themselves Hoboaters and Water-Frontiersmen banded together to answer these problems, and have had fun learning a great deal in the process

WHEN a disc jockey with sea fever thinks out loud in front of an open microphone he can kick up quite a wake.

Al Cummings, bearded skipper of Radio KING's early morning record show in Seattle, Washington, was chatting with his listeners one morning a couple of years ago:

"I want to get an old boat or a hull and make a real cruiser out of it. I have yacht tastes and a rowboat pocketbook, but I'm young, I'm strong, and with a little help I might get what I really want. Anybody out there who can tell me how to go about it?"

The phone started ringing in Cummings' broadcast booth. Some callers were agreeable to volunteering their experience and skill to help the self-styled "sea tramp." But even more phoned to say they shared his need for help and would like to take advantage of his list of helpers.

The KING record spinner soon had to put a halt to the phone calls—in a positive way. He told all those interested in forming a "society of sea tramps" to send him a postal card. If enough of them wanted to assemble for a pooling of ideas, resources and skills, he'd announce an organizational meeting.

In about 90 days, Cummings broadcast that he had 150 names and addresses of admitted fellow sea tramps. He proclaimed that the Ancient Order of the Sea Tramps

Al Cummings, Seattle disc jockey, started it all on the air one day when he mentioned he wanted a boat. Three months later the Sea Tramps were formed.

Basic boat repairing classes are a Sea Tramp activity. Fritz Dalby, a calker by trade and a card-carrying charter member, explains the tools of his profession to fellow members, below, and then demonstrates their use. Bill Blanchard in yachting cap, Sea Tramp "Skipper," watches at right. Tramps found local marine industries were glad to help would-be boaters get started.

would hold their constitutional convention the next week.

On meeting night the hall was jammed. Far more than the postal card prospects were present. It soon became evident that persons from all branches of the boating business were in attendance. There were charter operators, dealers in old hulls, hardware suppliers, marina operators, and assorted vendors of fittings, paint, and fiberglass. One labor agent came to assure the Sea Tramps that they could call the union hiring hall and secure a shipwright's services on an hourly basis.

Fears that industry people wouldn't be enthusiastic about the Sea Tramps' approach to bargain boating soon proved to be unfounded.

"They all said our idea was good for marine business," Cummings recalls. "No one, especially a boat dealer, likes to watch a hull rotting and sinking at its moorings. It's not a good thing for anyone to see, particularly a person thinking about joining the boating sport."

At their first organizing session, the Sea Tramps agreed to meet once a month to check on progress and swap ideas and material. They also set up a mimeographed bulletin listing the latest leads on old hulls and engines, and telling where desired items could be found. A shipwright was selected as their first president. Designing of a membership card and burgee got under way.

Cummings holds card No. One, which reads:

"ANCIENT ORDER OF THE SEA TRAMPS.

"Now Hear This! Alan Cummings, having been found to be a noble person of little or no means but great seafaring ambitions, willing to volunteer his valuable time and aching back to his fellow indigents and wishing to beg, borrow, beachcomb (and in dire emergencies) even buy the necessaries so that he may tread the deck of his own proud craft, is hereby declared to be a fully privileged Tramp of the Sea."

Appropriately, the by-laws call for no initiation fee but dues of $1 a year. An assessment of 25 cents is made at each meeting to cover "the cost of the hall." And the Tramps have assembled in a variety of places in their short organized life. When they couldn't get a popular newspaper auditorium because of prior bookings they accepted what seemed at first to be an ideal substitute, a backroom in a Chinatown cabaret. After a few meetings the organization threatened to go aground on a bar, according to those who remained steadfast to the cause of economy boating.

From Chinatown they took a new tack and have since met in cathedral-like Eagleson Hall, a YMCA near the University of Washington campus. The Tramps would really like to have a meeting place by the water. Some

Alvin Tregoning, Ice Pick Crew member, checks over the propeller of a $300 retired military craft for a prospective purchaser. Old hulls that can be repaired are one source of possible cruisers for the "hoboaters."

Is this hull worth $1650? Ice Pickers probe for dry rot to decide if the boat will justify calling in a professional surveyor for a full scale examination. Tregoning, while scouting for a friend, found a used boat for himself as well.

dream of a marina of their own where the moorage fees they'd pay would help support a workshop and assembly room.

Surplus funds right now are used for much simpler projects. When the chairman of the clam digging committee, assigned to provide the main dish for this year's cruise-picnic, became suddenly ill and couldn't rally his crew at the 5 a.m. low tide, the treasurer dug up the cost of wieners and buns for the party.

At that outing more came by charter boat than aboard their own craft. Arrangements were made through the club for individual passengers to make the trip across Puget Sound at $1 per person. These charter passengers included owners of boats not quite ready, or in the early stages of reconstruction. One boat owner boarded a charter craft when his recently launched pride developed last-minute ignition trouble.

But so it has been since the earliest days of Seattle sea-tramping. At first owners of craft in various stages of construction were rare among charter Sea Tramps. But members were soon calling on one of their officially designated committees for fundamental aid. This group, known as "the ice pick crew," had the chore of locating and checking out hulls.

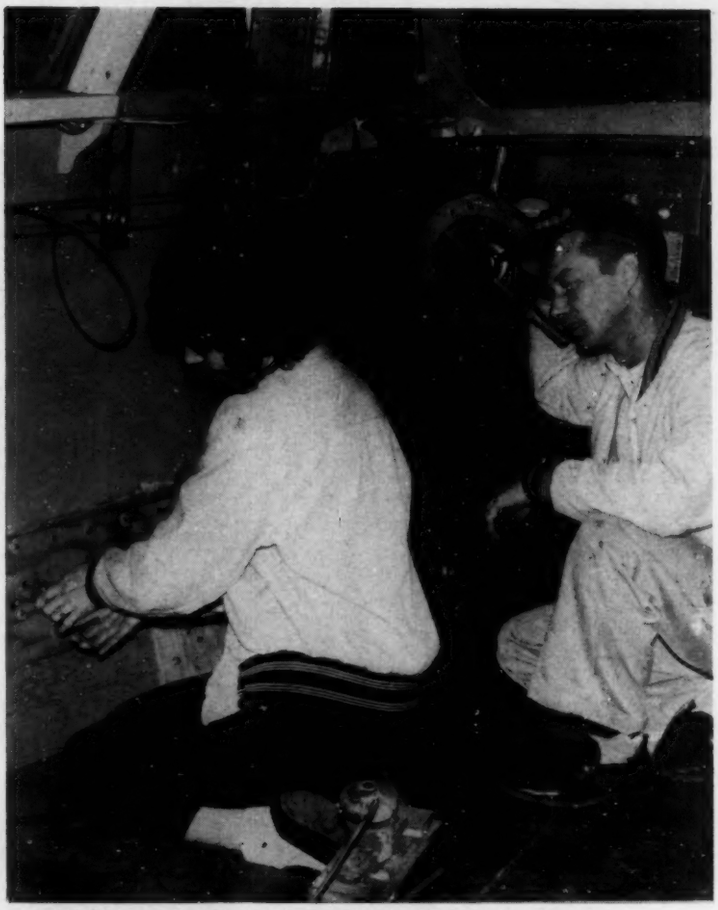
On several occasions industry experts joined this specialized committee in delivering a "health report" which ruled restoration on a hull was feasible. No one can now say how many hulls the ice pick-wielding searchers for dry rot actually surveyed, but they found an amazing number which are on the way to becoming full-fledged cruising craft again.

The original ice pick committee had the primary chore of locating old boats up for sale. On occasion they would work in pairs, or all five committeemen would go about their task as a team. But each was a subcommittee of one, and frequently checked out rumors or reports, then brought information before the committee, and then the club.

Ice pick committeemen have developed a check-system of examining for dry rot. After probing such expected places as joints between cabin and hull, along the planking, and in the ribs, they poke and prod for hidden pockets of rot, and dig out caulking to check for decay.

Although it makes a thorough check of all structural and mechanical conditions, the committee does not offer this inspection as final. Members are urged to have their own professional survey made before closing a deal for a boat. The ice pick committee's primary responsibility has always been to locate and separate the reparable craft from the hopeless heaps of junk along the waterfront. Members of the committee are the water-frontiersmen who make it possible for a boat seeker to save the time of looking over every hulk in port.

Each member thus gets the opportunity to study reports of the committee, and bulletins have at times been mailed to all concerned. Sea Tramps always seem to wind up a meeting with a general discussion of available craft, or form into clusters at adjournment to talk boats, and sometimes leads not always known to the ice pick committee.



Ray Wall supervises in best seagoing fashion while his wife tightens nuts on a hull patch for their find—a 24-foot cabin cruiser. Fiberglass was applied over the outside of the hull to make it seaworthy once more.

One Sea Tramp heard a rumor about a steel hull. The price, according to the tip, was ridiculously low. It sounded like a good deal; he asked for expert assistance. The committeeman who followed up the tip was Alvin Tregoning, member of a pioneer Seattle shipbuilding family. He found the hull to be in good shape, but the price was higher than the first report had indicated. The member who asked to have it checked out didn't want to haul anchor for the higher tab, so Tregoning bought it.

"I've got more boat than I'd hoped for," Tregoning said as he put the final touches on work which had to be done out of water. "I'll finish the job over at the Yacht Club moorage and stop these covered-storage charges. You know something, she's only 28 feet long, but you'd be surprised how much bigger she's looked, even to experts."

Tregoning and Gene Bayless, Bob Reuss, Jerry Hood and other steadfast Sea Tramps who are from the boat building and operating industry, have spearheaded the one feature that keeps several score members coming out for month-to-month meetings. They conduct clinics in technical problems.

At a recent meeting, Bayless showed how to take down a reverse gear, explained all its parts, gave a step-by-step check as he reassembled it. After his demonstration was completed, he announced that an early future meeting would feature a similar but more feminine subject: how to make cabin curtains.

The Coast Guard Auxiliary has conducted programs on safety and basic navigation requirements for the Tramps. Suppliers have provided instructive motion pictures, and there have been films on cruises to places near and far. But lectures and round-table discussions with greatest appeal are on such subjects as marlinspike seamanship, how to cast off and dock, how to allow for tide when moored or anchored.

When a Sea Tramp meeting is called to order, it becomes quickly apparent that Robert's Rules of Order are not as important as learning the fundamentals of boating. The club may read and approve minutes and dispose of routine matters in a perfunctory way, but when the chairman calls for an ice pick committee report or gets to that part in new business when open discussion on boats and boaters' problems is reached, the sessions come alive. It's obvious that most "Tramps" endure the formalities, but do not come just to belong to a club. An exchange of comments on brands of paint always possesses more sparkle than an election of officers.

Bill Blanchard, now President of the Sea Tramps, holds membership card No. three. When he heard Cummings' radio pitch about such an organization he told himself: "That sounds like me—this will be a poor man's boat club." When "I stuck my big oar in," as Blanchard puts it, he was named president pro-tem at the organization session. Blanchard stepped aside when Bob Reuss was formally elected to lead the club, and later was picked to replace Reuss, who was called to active Navy duty.

Blanchard is now officially known as Skipper of the

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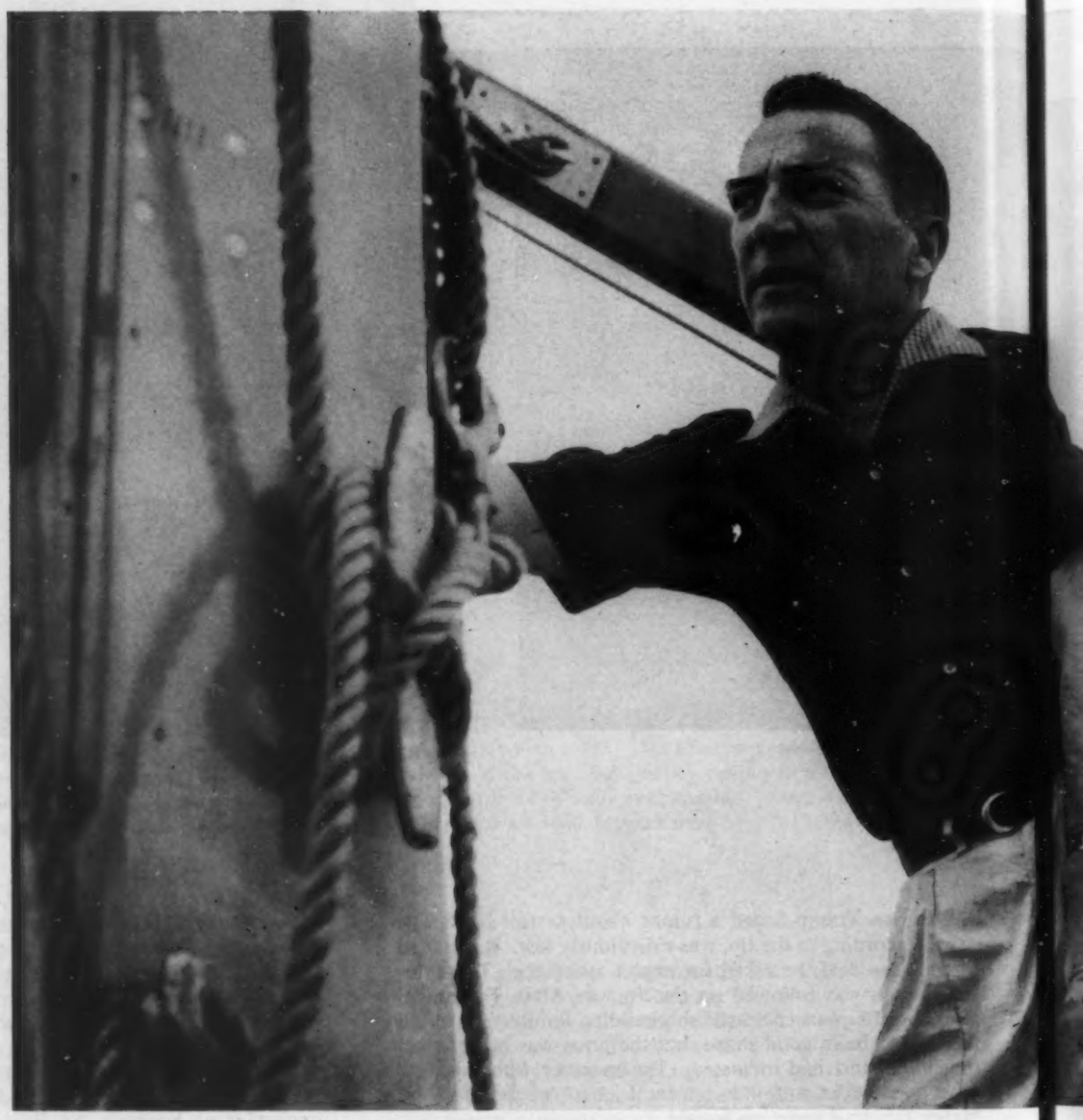


Standing beneath a microphone boom before a studio audience, or alone beside the jib boom of his Red Wing, as at right, Garry is an expert hand who turns in a superior performance before a TV camera or race committee boat.

By ZANDER HOLLANDER

A VISITOR on the dock of the American Yacht Club in Rye, N. Y., asked the launch pilot if he knew the whereabouts of Garry Moore. "You mean the skipper of *Red Wing*? Oh sure, I'll take you out to him," came the reply.

This happened one morning last summer and, although the launch operator was unaware of it, he had paid a singular tribute to Garry, who is best known to millions via the medium of television. To the launchman he was merely Mr. Moore, sailor.

We were there to spend the day with Garry to see the nautical side of this celebrated entertainer. In one day Garry demonstrated that he is truly a man of the sea, a dedicated and knowing helmsman who is as much at home at the tiller of his 38½-foot sloop as he is on his morning show or moderating "I've Got a Secret."

With Garry there are no secrets about his passion for

At home with either sail or power, Garry has no prejudice against starting the kicker in a calm, or reefing in a blow.

boatman of the month

On occasion, Garry will set sail after work for a restful all-night cruise.

GARRY MOORE

An experienced sailor who returned to boating after 25 years, Garrison Morfit has rediscovered the sea as an ideal escape from the many pressures of TV

sailing. "It is," he said, "a humbling experience. When you're a celebrity, a great deal of undeserved power accrues to you. The head waiter gives you the best table in the restaurant and people in every way are trying to do things for you. But in sailing you realize that your Neilsen rating or your clippings aren't going to get you home. You can't show your Trendex to a storm."

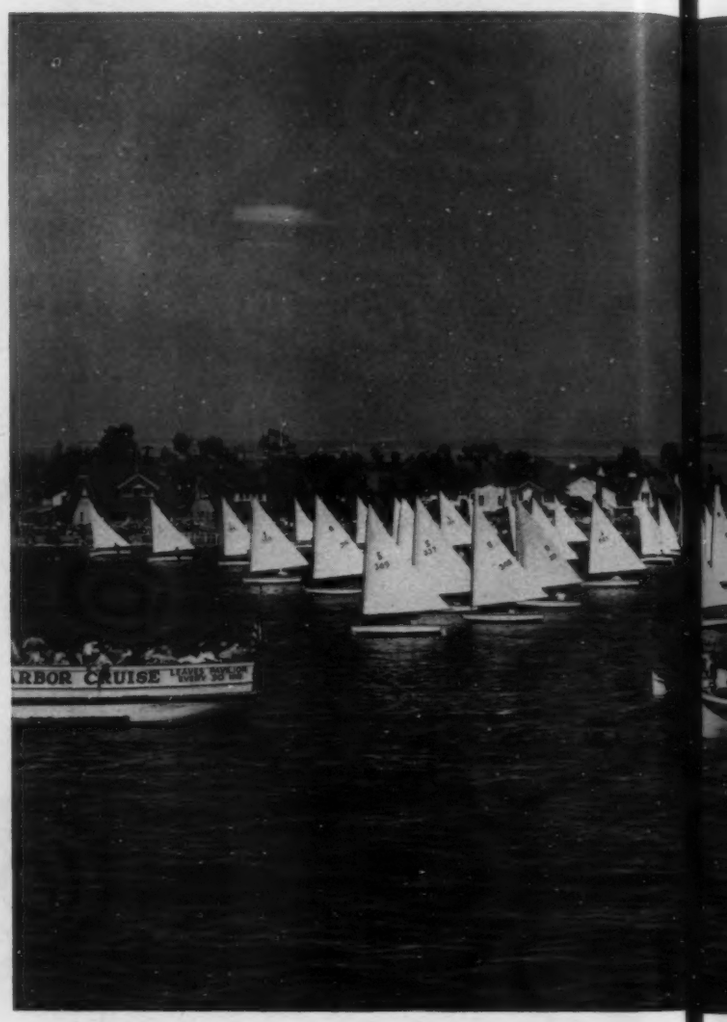
Garry's sloop—*Red Wing II*, named after his TV production company—is his home away from home. Designed by Phil Rhodes and built in 1940 by Herman Lund of Erie, Pa., she's a Rhodes 27 Class trunk-cabin keel sloop with a 27-foot 2-inch waterline and 9-foot 8-inch beam, draws 5 feet 10 inches, sleeps four, has a 32 horsepower Gray marine auxiliary engine, and for her 700 square feet of sail area numbers a working main and racing main, working jib and two genoa jibs, and a blue and gold spinnaker.

As he sat contentedly at the tiller while cruising on Long Island Sound, Garry recalled his beginnings as a sailor. He

(*continued on page* 125)

Red Wing II, 38′ Rhodes 27, is the cruising home for the Moores, crewed by Garry, wife Nell, and two sons.

The Snowbird Class, designed by Newporter Jim Webster, has 165 or more entries for the annual "Flight of the Snowbirds," called the world's largest yachting race.



By ROBERT LEE BEHME

Newport Beach

Seven islands, including Balboa and Lido, and fifteen miles of sheltered water make up a California boating Mecca where the sport has become a wonderful way of life

WHEN Wally Adams walked into a Newport Beach, California, real estate agent's office to inquire about property in the beach town located some 60 miles south of Los Angeles he found Newporters had a strange way of doing business. The first question the agent asked was:

"What kind of boat do you own?"

A clouded look of disbelief crossed the agent's face when Wally told him he didn't own a boat.

"Then I can't sell you a home," the agent said with finality. "One just doesn't live in Newport without a boat."

Although this story is true, it is contrary to fact. Ownership of a boat is not essential to life in Newport Beach: it just seems that way. Adams, in fact, bought a home in Newport and managed to live there nearly six months before he, like every one before him, succumbed to boating.

"It is difficult to keep boating out of your blood," Mayor Dora C. Hill said recently, "Newport lives and breathes boating, water skiing, swimming and fishing."

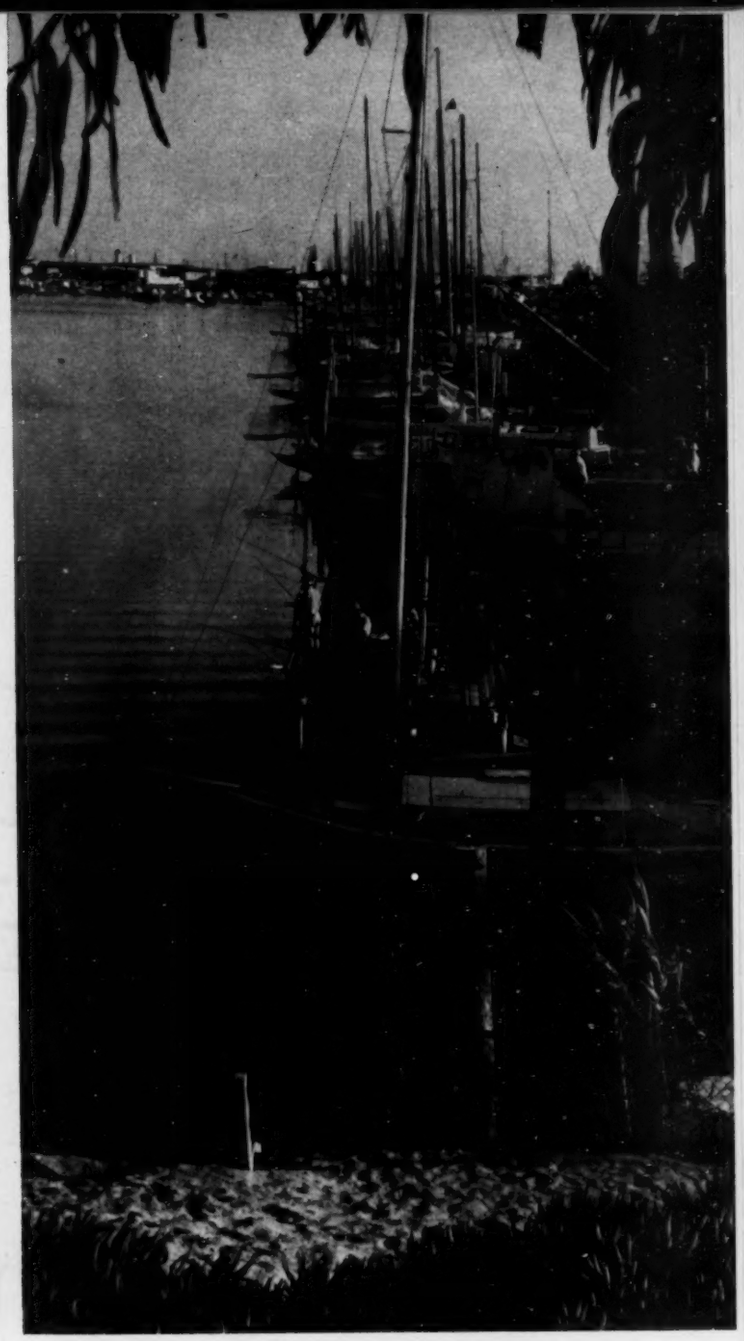
Everything about Newport points toward the five miles of land-locked water that surrounds its seven islands, protected from ocean damage by the long fingered peninsula on its outer rim. The area is blessed with 365 days of sunshine each year. Average temperatures range between a maximum of 67 and a minimum of 53. Water temperature is a warm 60 degrees year 'round. Rainfall is a pleasant 12 inches. Every day's weather is boating weather.

Virtually every one of Newport's 5,431 boats, assessed at over six-and-one-half-million dollars valuation, make year round use of the water. There is some kind of regatta—formal or informal—every week in the year. The Thanksgiving Day Regatta, in November, and the Christmas Day Yacht Races at the end of the year are famous events drawing entrants from the length of the West Coast. The Easter Regatta, highlight of the spring season, has recorded contestants as far away as Chicago.

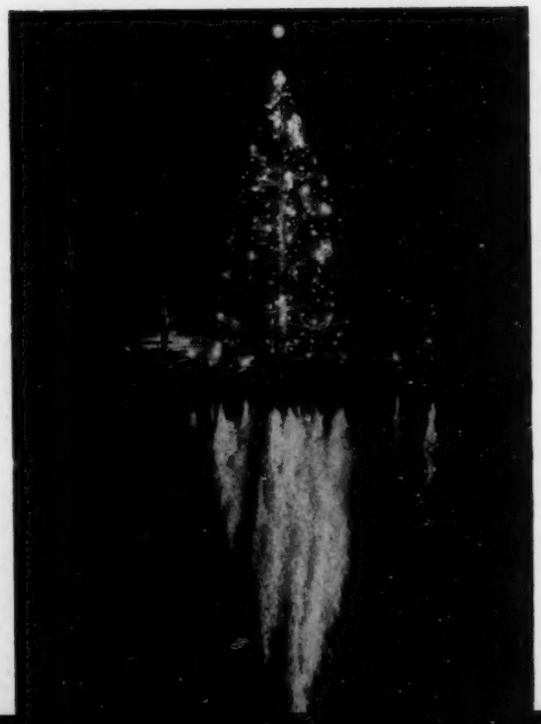
In between, such famed events as the Ensenada Race, Channel Islands Race, Birdrock Race, 14 Mile Race and the Tidelands Race keep the harbor's boating fever at a high pitch.

"There are so many races going on at Newport," Chamber of Commerce Secretary Don Olmstead said, "we can't keep track of all of them. When an out-of-town boat owner calls to ask when the next race is scheduled we tell him to come right down. There's always some kind of competition."

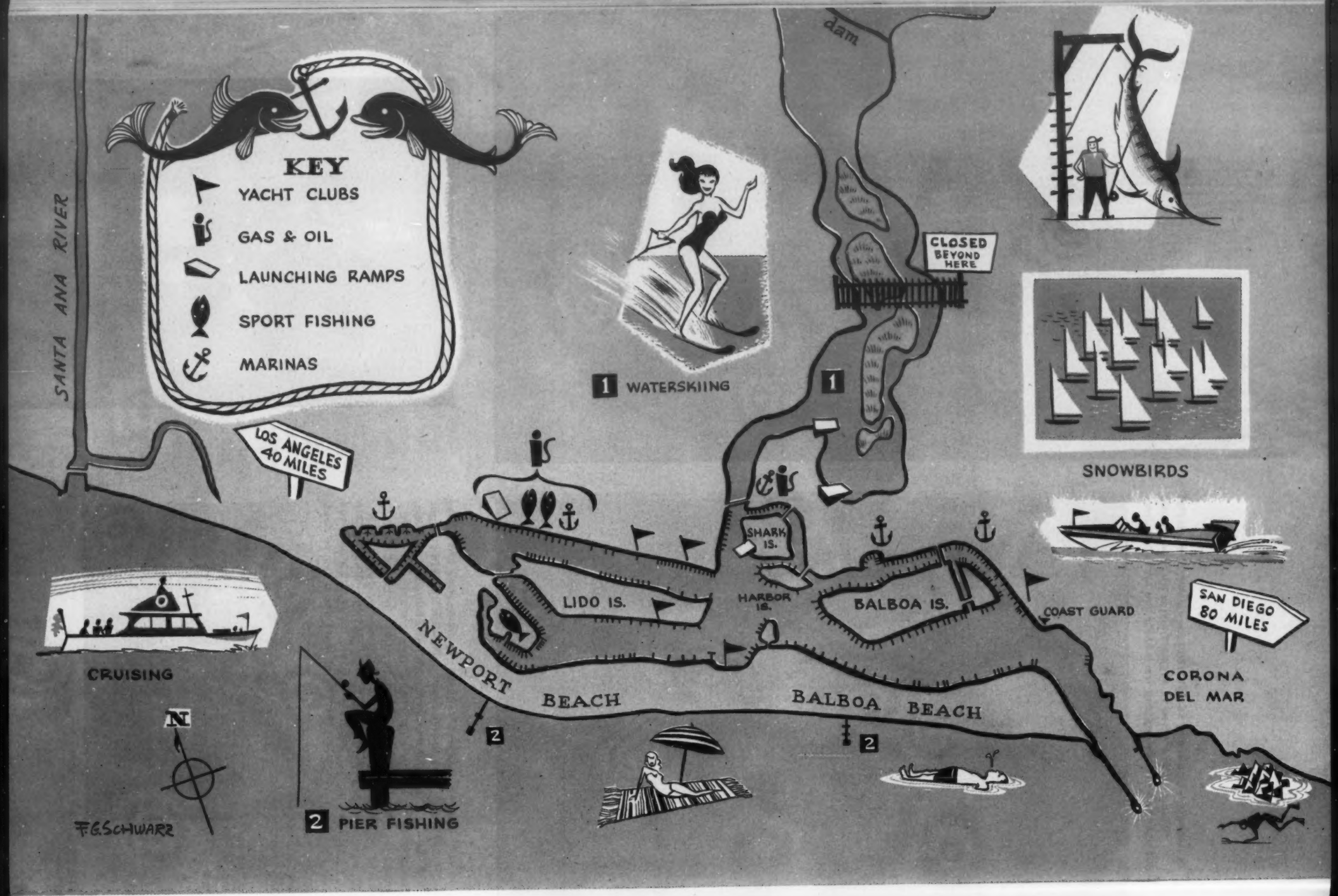
Along the approach, at right, to Lido Island, commercial fishing craft are tied in slips alongside pleasure boats. But yachting is growing, and work boats are on the decline.



Among Newport traditions is the floating Christmas tree, towed on a barge with carolers at night around the harbor islands during the holidays.



Island homes, like these on Lido, face onto the water. Every house has a pier, and for each there is at least one pleasure boat.


KEY
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GAS & OIL
LAUNCHING RAMPS
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F.G.SCHWARZ

Within driving distance of Los Angeles and Hollywood, many working celebrities commute every day or weekends. At right is Roy Rogers' Flamba tied up outside his home on Bay Island.

Such an emphatic concern with water has made Newport a rare place, a full-blooded boating town where the vast majority of its citizens own boats, where the primary subject of evening conversation is boating, and where the main topic at the super market may be what food to buy for the next cruise.

"If you don't own a boat," Ted Mengles, a local sportsman, said, "you might as well take up crossword puzzles. There is little else to do."

Although world famous, few outsiders know that Balboa, Lido and Newport are the same place. Officially, the area is Newport Beach City: Balboa, and Lido are islands within the city.

"Everything from the Santa Ana River, on the north, to the end of Corona Del Mar, on the south, is Newport Beach," a city official pointed out. "The harbor, called Newport Harbor, encompasses the seven individually named islands."

The area includes some 15 miles of water and some five miles of navigable channels. Although speed in the channels is limited to five mph, there are special areas for racing and water skiing within the communities of West Newport, Newport, Balboa, the islands of Balboa, Newport, Bay, Harbor and Collins (or Cagney). The listing has often been confusing although the names are all areas within Newport Beach City.

Balboa Island is most famous. Divided at one end by a channel running through the land, it is the primary area for middle-class homes. Mainly residential, it has its own business district and is connected to the mainland by a bridge and to the peninsula by ferry.

Collins, or Cagney, Island, a tiny speck at the north end of Balboa Island, supports but one residence. Once owned

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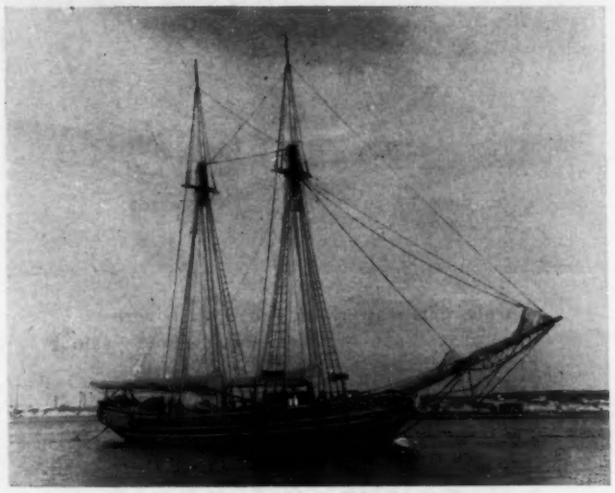
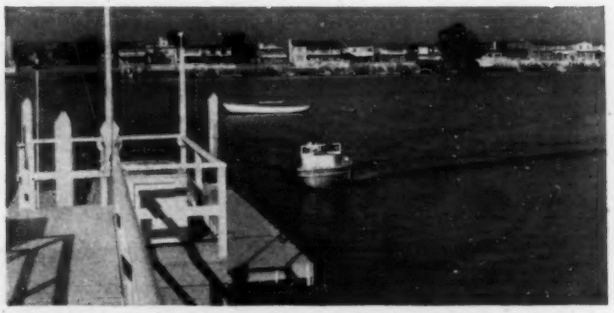


Jimmy Cagney's 70' Baltimore packet schooner, Swift, is still moored near the island he once owned.



Pier of the Newport Harbor Yacht Club, oldest in the area, points out toward homes on Lido and Balboa Islands.

Fairchild Aerial Surveys

Photographed from the air in 1945, Newport Harbor already shows the beginnings of its tremendous boating boom. Beach at far right protects the miles of sheltered boating waters from the Pacific.

Progress Report:

U.S. COAST

Patrols, demonstrations, cooperation with civic groups and American Power Boat Assn. sanctioned races are among the Auxiliary's activities. Group at right, including Lt. Eve Larson of the Coast Guard Reserve, gave rescue demonstrations for youth groups in the New York City area. Women are allowed to become members of the Coast Guard Auxiliary.

U. S. Coast Guard photo

Safe Boating Week in Seattle was highlighted in Seattle with posters like that held below by Commodore Edmund C. Bold, USCGA 13th District, and Vice Admiral A. C. Richmond, Commander of the U. S. Coast Guard. Admiral Richmond has recently told the Auxiliary: "Only with your help can we hope to spread the gospel of self-regulation and common sense in boating."

WITH six million craft now in circulation, there are boating problems not even visualized back in 1938. That was the year the United States Coast Guard, under the direction of its commandant, Admiral R. R. Waesche, initiated the organization of the Coast Guard Auxiliary to aid and assist the parent body in the promotion and practice of small boat safety. This action was a remarkable bit of foresight.

The Auxiliary, then called the Coast Guard Reserve, came into being by an act of Congress in 1939 and has served its purpose well ever since. Certainly today's world of recreational boating would be one of more danger, confusion and turmoil, without the 14,159 devoted Auxiliarists who set a high example for every [illegible] at owner.

And the Auxiliary, in the nex decade, may play a key role in vast legislation and educational programs that will make boating more safe but more disciplined.

What then is the Coast Guard Auxiliary? Who can belong? How does it operate? What are its accomplishments?

Regular Coast Guard personnel, members of the armed

By BILL WALLACE

GUARD AUXILIARY

Rutherford Hayes photo

In a memorial for an Auxiliarist in Oregon, members of the local flotilla meet at the U. S. Coast Guard station at Depoe Bay, Oregon. Auxiliary activities not only rescue boatmen and promote boating safety, but have gained importance as one way to educate new boatmen and help prevent excessive boating legislation.

Courtesy examination of boats—Instruction of boatmen—Operations assistance to the regular Coast Guard—Fellowship with other boatmen . . . these are the activities that have made the Auxiliary an important part of American boating today

forces, quickly point out that the Auxiliary is an organization of civilians who have no military status whatsoever. Or, as the manual says, "The Auxiliary's role is entirely within the sphere of the Coast Guard's civil functions and does not extend to the military responsibilities of the service." Membership has none of the attributes of active or inactive military status.

For that reason, in some quarters of the service, Auxiliarists are merely condoned as civilians wearing uniforms and playing at games. Those closer to the scene take another view. A Coast Guard chief petty officer, a 12-year career man in charge of a life-saving station adjacent to a popular recreational boating area, recently told us, "Thank heaven for the Auxiliary. In the summer months around here we are overwhelmed and I find that I call on the Auxiliary a couple of times a week to help us with patrols or a search and rescue. They've never let me down and usually turn in a swell job. Most of their people are older, with responsible jobs. They have the maturity and judgement that the kids manning this station cannot always have."

This voluntary national organization has all kinds of people on its rolls. An Auxiliary flotilla which last summer patrolled the Inter Lake Yacht Racing Association regatta at Put-in-Bay, Ohio, on Lake Erie had in its personnel a marble contractor, a printing shop operator, a hotel chef, a baseball park grounds keeper, a grocery store owner, a

(*continued on page* 140)

I staggered to the ladder, my senses reeling. My foot was on the first step when the blackness descended and my last conscious impression faded . . .

"I learned about boating from that"

ADRIFT

By LOU HEINER

THE sun went down with a great splash of color, and as the twilight blue deepened into black, our world shrank until the binnacle light, the port and starboard running lights, and the masthead light became its boundaries. The wind slackened, the waves subsided into a long ground swell and our 30-foot Tahiti ketch, *Little Bit,* no longer heeled over with her lee rail under. A porpoise school swam near us, and although we could not see them in the darkness we could hear them puffing and gasping like a group of fat men climbing a flight of stairs. We were all too keyed up at the start of this cruise from San Francisco to think of cooking, so our first meal underway was a weird concoction eaten from tin cans and jars.

When it was time for Fred and me to relieve Marty and Herman of the watch they were reluctant to go below to their bunks. They hung about the deck, adjusting the main sheet and trimming the jib and mizzen in an effort to increase our speed in the failing wind. We passed Point Montara Light flashing its five-second warning, and the wind died completely. While Marty and Herman doused the sails I went below, started the engine, and *Little Bit* rocked along at a good five knots, her exhaust chuckling and burbling in the swell.

Now that we were underway at last our excitement cooled somewhat and we settled down to the routine of the voyage. Herman and Marty went below; they would relieve Fred and me at midnight. Four hours on, four hours off; for we wanted two men on the deck at all times. Sailing, one of the most enjoyable sports, is not without an element of danger, which is one of its attractions. But the sea is kind to those who respect her; it is the unwary and the careless who feel her fury.

When our watch was half finished, I took the flashlight and went below to brew a pot of coffee. The little engine under the bridge deck throbbed industriously and the faint odor of its labor permeated the cabin. I stooped and inspected the instrument panel; water temperature 190, a bit high, but nothing to worry about; oil pressure 26 pounds; amperes 20; all in order and running sweetly. I put the coffee pot on the galley stove and turned again to the engine, going over it carefully. Where the exhaust pipe left the manifold it glowed a dull cherry red in the darkness, and smelled hot. It would be a good idea to check the engine temperature at frequent intervals.

We had lost some time in the failing wind; we wanted to make the 360 miles down to Los Angeles in 72 hours, which meant we would have to average five knots. I opened the throttle a little and the engine beat out a faster tempo.

I sat on the edge of Herman's bunk and waited for the coffee to boil and discovered that I was very tired. I would be glad when the watch was over and I could hit the sack. When the coffee began to boil I got up to turn off the burner and a sudden dizziness swept over me, so violent I had to grab the bulkhead to keep from falling. The cool fresh air of the deck was welcome.

While we were drinking the coffee, Point Montara Light dropped into the sea astern of us and Pigeon Point Light climbed out of the water on our port bow. We would pass Pigeon Point about midnight, at which time we would call Herman and Marty to relieve us. The Pacific coast line curves in sharply below Pigeon Point and Marty, our navigator, would change course to follow it.

"Better check the engine temperature," Fred reminded me.

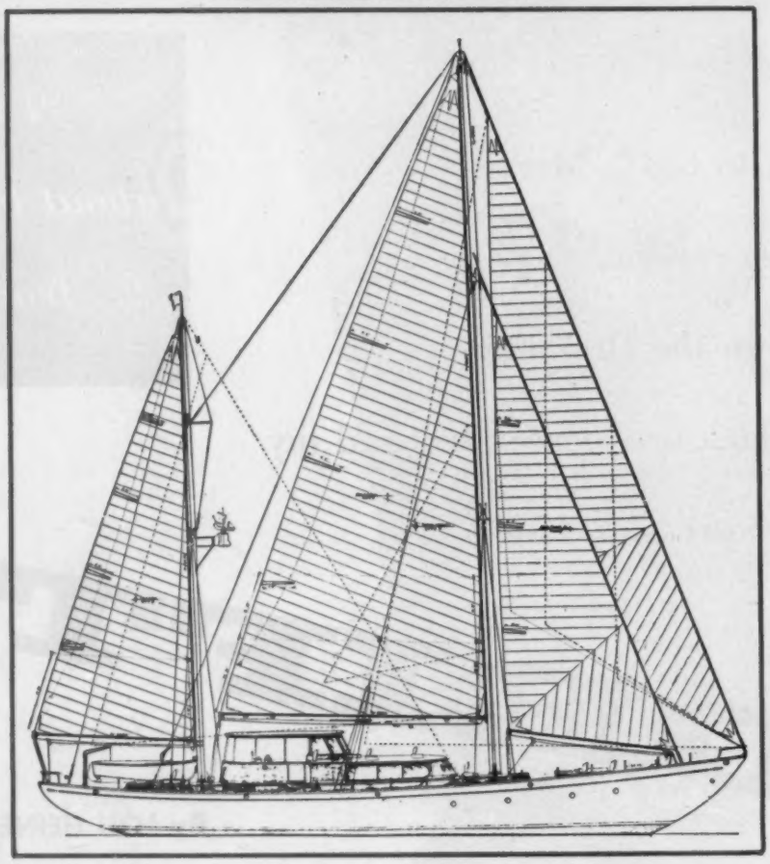
I took the flashlight and started for the ladder, but something held me back. I flashed the light down into the cabin. The beam swept over the sleeping men and came to rest on

(*continued on page* 129)

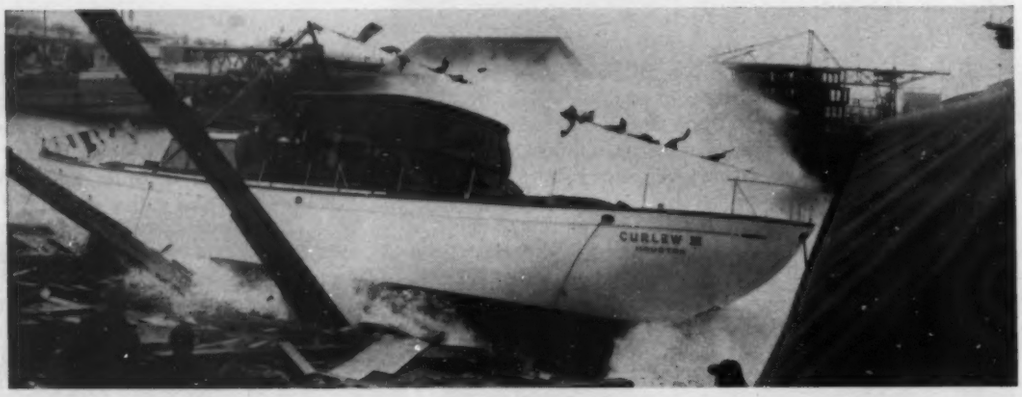
Illustration by Danforth R. Robinson

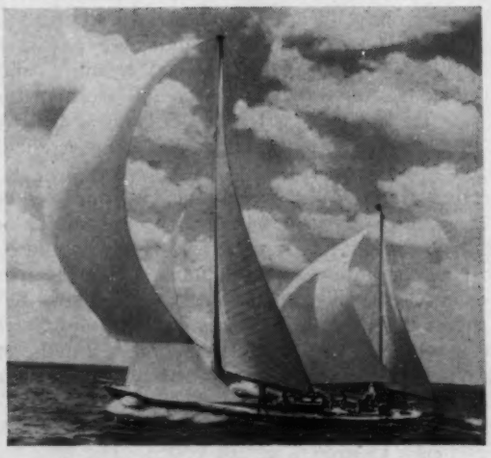
Boats of the Month . . .

CURLEW III



Largest American built sailing yacht to slide down the ways in several years, Curlew III, 98' ketch designed by Philip Rhodes for Mr. D. C. Ellwood was launched last Nov. 18th by the Burger Boat Company, Manitowoc, Wisconsin. Constructed of steel and powered with twin GM 240 HP. diesels, she will do 11 knots under power; can accommodate a party of eight and a crew of four. She is shown below just as she touched water for the first time.

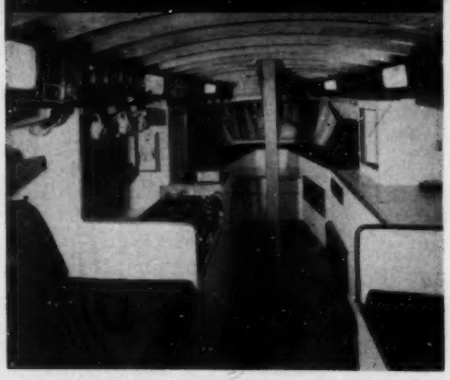


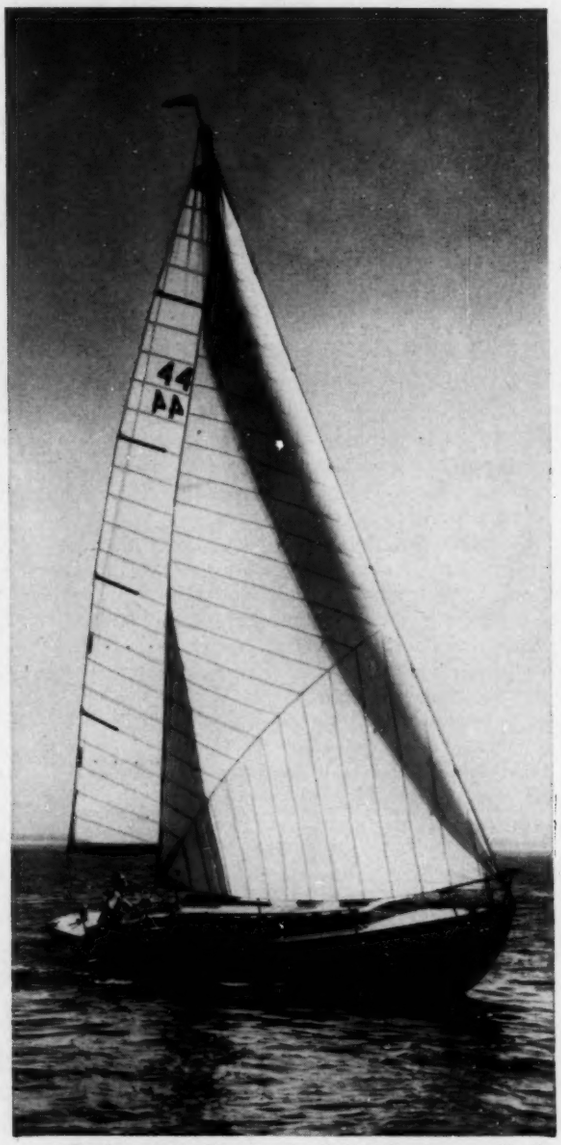


Dyna, another outstanding Burger craft, was launched last spring for Clayton Ewing. A 58' aluminum yawl, in one summer of Great Lakes racing she reached P-B's Honor Roll.

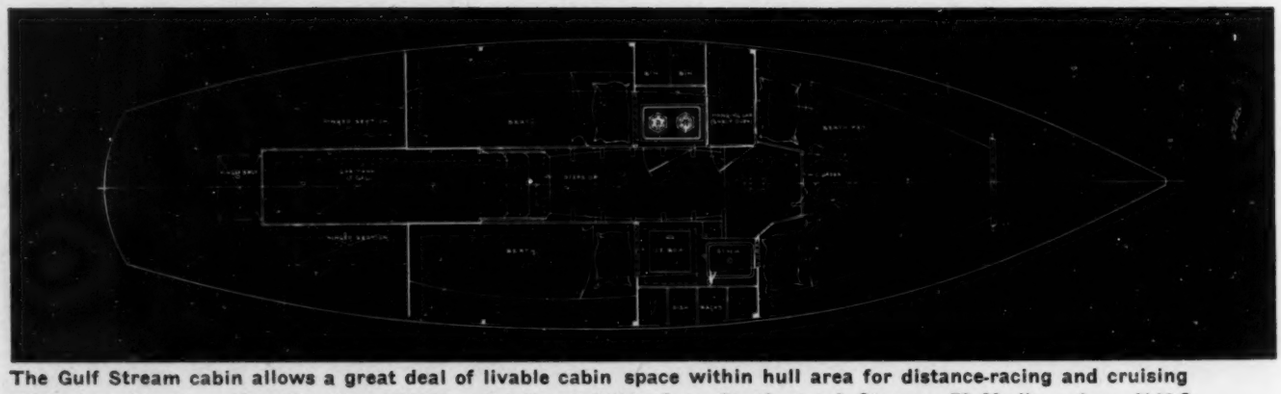
GULF STREAM 30

DIMENSIONS:
Length Over All — 29'6¾"
Load Water Line — 21'10½"
Beam — 8'¼" Draft — 4'7½"
Sail Area — 390 sq. ft.
Power — Universal 25 hp Atomic 4





Designed by Sparkman & Stephens as a lively modern sailer that can offer much in accommodations for her size, the Gulf Stream 30 provides fixed berths for four, a galley and hanging locker amidships, and marine toilet. She uses a masthead fore triangle rig, 3,000 pounds of lead ballast in her keel.



The Gulf Stream cabin allows a great deal of livable cabin space within hull area for distance-racing and cruising without spoiling her attractive lines. Further details available from Sparkman & Stevens, 79 Madison Ave., N.Y.C.

How to: Build the Piccolo

By JOHN ROBERTS

For home builders, the designer of the popular Pelican Class has improved hull and added a jib to the sail rig to make an even more versatile sailer

PICCOLO is an advanced design of sailing pram, incorporating such new features as flat sheet fiberglass construction, cantilevered plastic spars, complete flotation, sloop, rig, and non-maintenance materials. This "small wind instrument" is light and stable, a sensitive sailboat whose unsinkable qualities suit her perfectly as a boat for learning and advanced training. She may be readily built by anyone without need of elaborate tooling, fitting, beveling and finish work, and while you might wish to paint her for appearance, you needn't do so for protection. Your first cost of *Piccolo* will be your only cost; if she's built according to instructions, she'll remain new for many years. Maring plywood may also be used.

Piccolo is built from two ⅛-inch-thick sheets of 4 x 10-foot fiberglass, obtainable from Russell Reinforced Plastics Company, at Lindenhurst, Long Island, and Boca Raton, Florida. Her pieces are fastened together with fiberglass tape and epoxy resin. We cover each seam inside and out with a first layer of six-inch tape and a second layer or four inch tape, and they must be set in epoxy resin. Other varieties of resin will not do. We used Titen-Tite epoxy, obtainable from Glass Plastics Corporation, Linden, New Jersey. Total cost will be approximately $150 (less sails) in fiberglass; $100 in plywood.

The first step is "lofting the lines" —which means drawing them full size. (Measurements are given in feet, inches, and eighths of an inch.) You may do this right on the fiberglass sheet. Draw just one side of the hull and one half of the bottom. When you have cut these pieces, and smoothed them up, they will be your templates for the opposite side and bottom half. In fairing the lines, you may use a strip of the mahogany which will make up part of the gunwale. Bridge the points of measurements so that you result in a smooth,

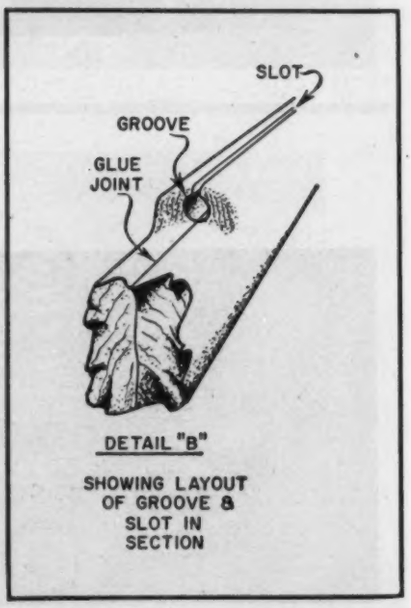
A Florida favorite, the Pelican above is a prototype of P-B's new Piccolo.

continuous curve for every part of the hull.

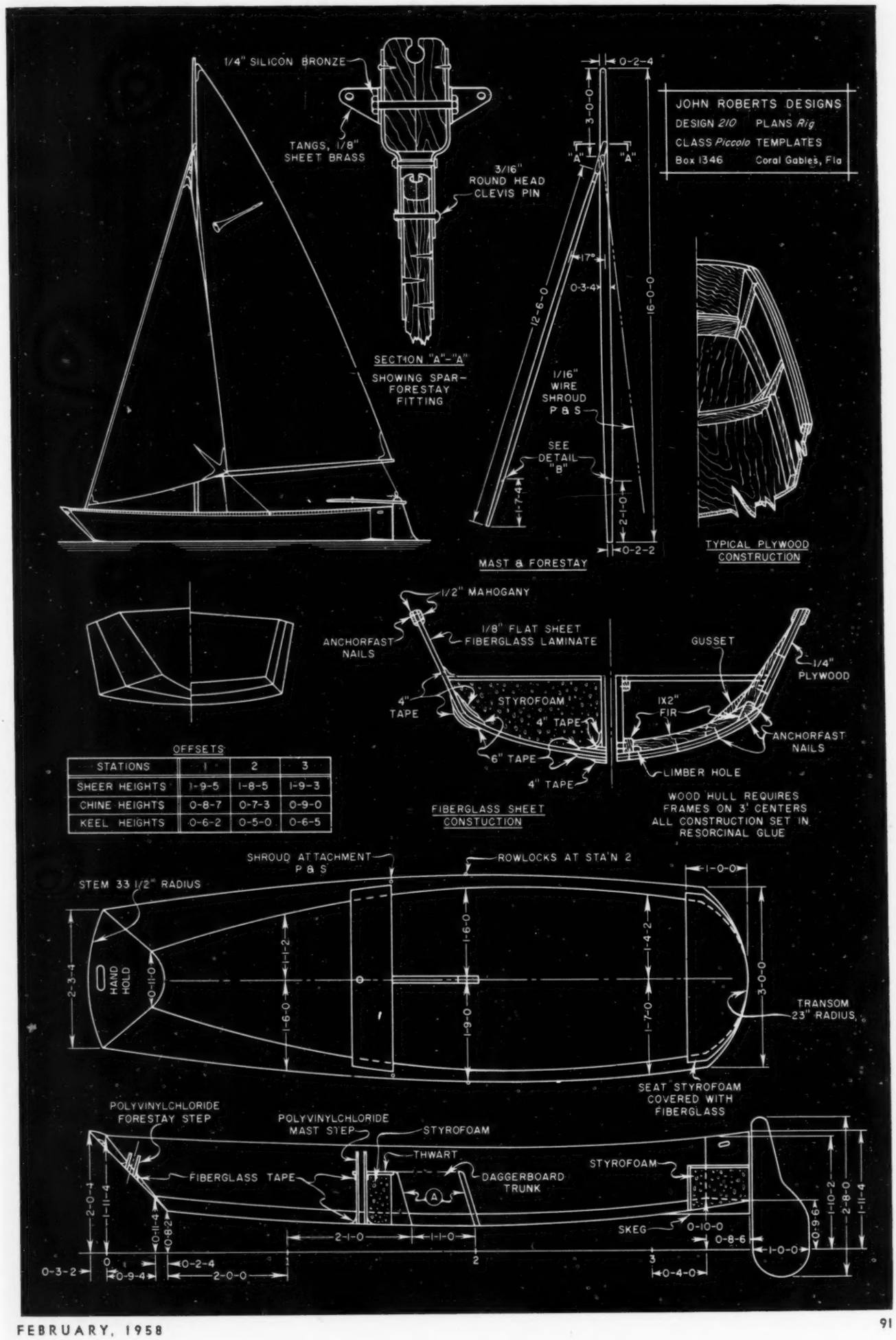
Remember that in lofting you are enlarging the original drawing about twelve times—that means that a wobble of the pen on the original plans may show a full-inch wobble in the full size boat; it is up to you to fair these out. When you bend your batten over the measurement points, sight along it from one end to make certain no reverse curves are present. Lay out the plans so as not to waste material. You must get the daggerboard trunk parts out of these sheets and, if you wish, you can also make the gunwales from 1½-inch full length strips.

Cut the material with either a sabersaw or a bandsaw, and use metalcutting blades. The sabersaw will require about one dozen blades, for its stroke is very short—it only uses about one quarter inch of the entire blade, and rapidly wears down these teeth. The cut parts can be quickly smoothed up with either a vixen file, such as is used on automobile body repair work, or, if you have power tools, a belt sander. All sanding should be done with open coat aluminum oxide paper, the coarsest you can find. Carrying handles can be cut in the bow and transom by connecting 1½ inch holes made by a circle cutter, and sawing out the between material.

Assembling of the boat is identical with that of *Porpoise* (see POPULAR BOATING, January, 1958). Clamps are made of aluminum strap, about four inches long, half an inch wide, and one-eighth inch thick. Drill one hole half-an-inch in from either end of each clamp to give full clearance for the shaft of an eight-thirty-two brass machine screw. You'll want a gross of these machine screws, flat head, and about one half inch long. You'll also



A slotted mast, boom, and forestay can be home-made by following tips in text.


JOHN ROBERTS DESIGNS
DESIGN 210 PLANS Rig
CLASS Piccolo TEMPLATES
Box 1346 Coral Gables, Fla
1/4" SILICON BRONZE
TANGS, 1/8" SHEET BRASS
3/16" ROUND HEAD CLEVIS PIN
SECTION "A"-"A"
SHOWING SPAR-FORESTAY FITTING
0-2-4
3-0-0
"A"
"A"
17°
0-3-4
12-6-0
16-0-0
1/16" WIRE SHROUD P & S
SEE DETAIL "B"
1-7-4
2-1-0
0-2-2
MAST & FORESTAY
TYPICAL PLYWOOD CONSTRUCTION
1/2" MAHOGANY
1/8" FLAT SHEET FIBERGLASS LAMINATE
ANCHORFAST NAILS
4" TAPE
STYROFOAM
4" TAPE
6" TAPE
4" TAPE
FIBERGLASS SHEET CONSTUCTION
GUSSET
1/4" PLYWOOD
1X2" FIR
ANCHORFAST NAILS
LIMBER HOLE
WOOD HULL REQUIRES FRAMES ON 3' CENTERS ALL CONSTRUCTION SET IN RESORCINAL GLUE
OFFSETS
STATIONS 1 2 3
SHEER HEIGHTS 1-9-5 1-8-5 1-9-3
CHINE HEIGHTS 0-8-7 0-7-3 0-9-0
KEEL HEIGHTS 0-6-2 0-5-0 0-6-5
SHROUD ATTACHMENT P & S
ROWLOCKS AT STA'N 2
STEM 33 1/2" RADIUS
1-0-0
2-3-4
HAND HOLD
0-11-0
1-1-2
1-6-0
1-6-0
1-9-0
1-4-2
1-7-0
3-0-0
TRANSOM 23" RADIUS
SEAT STYROFOAM COVERED WITH FIBERGLASS
POLYVINYLCHLORIDE FORESTAY STEP
POLYVINYLCHLORIDE MAST STEP
STYROFOAM
THWART
FIBERGLASS TAPE
DAGGERBOARD TRUNK
STYROFOAM
2-0-4
1-11-4
0-11-4
0-8-2
2-1-0
1-1-0
SKEG
0-10-0
0-8-6
1-0-0
0-9-6
1-10-2
2-8-0
1-11-4
0-3-2
0-9-4
0-2-4
2-0-0
0-4-0
0
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2
3

New Storm Warnings

Simpler signals to indicate the approach of dangerous weather, including new lights to warn small boats, are now in effect

SMALL CRAFT WARNING: One red pennant displayed by day and a red light over a white light at night will indicate when winds up to 38 miles an hour (33 knots) and/or sea conditions dangerous to small craft operations are forecast for the area.

GALE WARNING: Two red pennants will be displayed by day and a white light above a red light at night when winds ranging from 39 to 54 miles an hour (34 to 48 knots) are forecast for the area.

WHOLE GALE WARNING: A single square red flag with a black center will be displayed during daytime and two red lights at night when winds ranging from 55 to 73 miles an hour (48 to 63 knots) are forecast for the area.

HURRICANE WARNING: Two square red flags with black centers displayed by day and a white light between two red lights at night will indicate that winds 74 miles an hour (64 knots) and above are forecast for the area. These will supplement the regular U. S. Weather Bureau advisories given out to the press, radio, and television. Storm warning display locations are listed in Notice to Mariners No. 17, April 27, 1957, prepared by the U. S. Coast Guard and the U. S. Hydrographic Office. Great Lakes locations are in U. S. Coast Guard Notice to Mariners for the Great Lakes, No. 3, April 19, 1957. — ⚓

Besides winning the Gold Cup, Silver Cup and all classes of the President's Cup regatta, Champion-sparked inboards swept the following regattas—Pan American, Seafair, Louisville Marine Derby, Detroit Memorial, Inboard Nationals and all but one at the Buffalo International.

Proven again in 1957 racing–

CHAMPION SPARK PLUGS GIVE WINNING PERFORMANCE IN ANY ENGINE

Champion-powered craft win Gold Cup, Silver Cup, President's Cup . . . sweep 89 of 94 classes in 9 major regattas

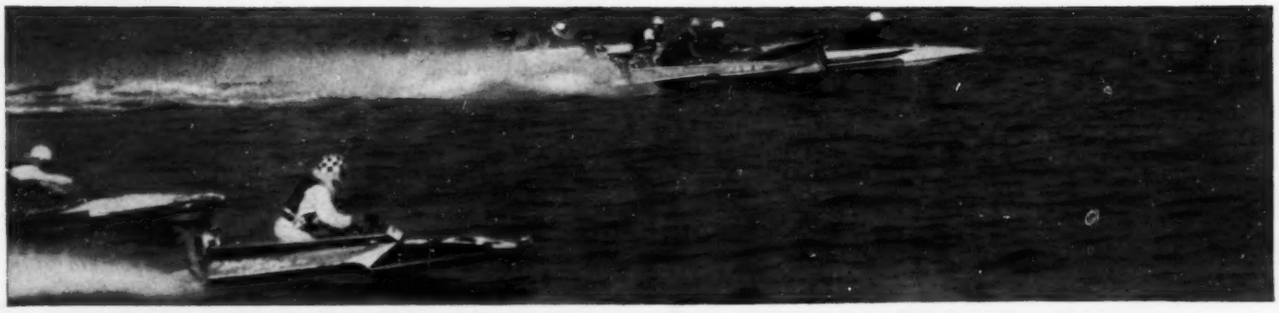
Champion's outstanding 1957 racing record demonstrates the ability of a Champion Spark Plug to unleash *all* the power built into any engine—large or small—inboard or outboard.

Enjoy this same top performance in *your* engine next season by installing Champions —the plugs picked and preferred by v ing race drivers.

Experienced skippers choose

CHAMPION

SPARK PLUGS



In the Seafair Regatta, Champion swept all 15 outboard classes, 9 out of 10 in both National Stock Outboard Championships and Long Beach Nationals, 7 of 9 at the National Outboard Association Championship.

CHAMPION SPARK PLUG CO.
TOLEDO 1, OHIO

MORE FUN WITH ALCORT
Sailfish and Sunfish

• *See them at New York and Chicago National Boat Shows*

THIS LIGHTHEARTED BEAUTY
IS ALL FUN!

Even a casual glance at *Sailfish*—and her big sister *Sunfish*—will tell you that here's a boat designed for *fun! Sailfish*, one of America's fastest growing classes of small sailboat, offers your family all the *fun* of sailing with minimum cost and care.

A happy combination of thrilling speed and swamp-proof safety, *Sailfish* requires no dock or mooring space . . . rides easily atop the family car—or in the back of a station wagon—rigs in a jiffy, and actually takes up less storage space than a canoe.

See the Alcort *Sailfish* and *Sunfish* at your marine dealer. Or, mail the handy coupon for full details on how you can put your family on the water this season in the boat all America's excited about . . . the Alcort *Sailfish*.

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In Canada: Sailfish Sportscraft, Ltd., Box 811, Adelaide Street Station, Toronto, Ontario

ALCORT, INC. Dept. PB-28 P.O. Box 1345, Waterbury, Conn.

Sailfish and *Sunfish* sound wonderful. Please rush full details.

NAME_____

STREET_____

CITY_____ STATE_____

"SEA TRAMPS"

(*continued from page* 77)

Hoboaters, his vice president is the Executive Officer, the secretary-treasurer has become First Lieutenant, and the chairman of the ice pick crew is Inspector of Yards and Docks.

At the time Blanchard signed on with the Sea Tramps, he'd just sold a 14-foot runabout and was working on an 18-footer. He has since sold that boat and helped a fellow make-do-mariner complete a 20-footer. Now, after a winter of "trading ideas and treading water," Blanchard is about to start on a larger craft.

Out at the north city limits of Seattle two recently signed members of the can-do-boaters' clan, Ray and Betty Wall, came into the club "within a month of weekends" from putting their 24-footer in the water.

They bought a badly weathered 1949 model plywood cruiser from a man who had it cradled in a barnlike building at his place of business. The deal involved use of the structure as a shop until the craft was restored.

Large sections of the plywood shell have now been patched and a coat of fiberglass applied. Ray, Betty and friends were down to sanding away the old paint on the cabin. The engine was to be worked over while new cabin fixtures were fashioned. The estimated bill for materials to bring the boat back to full use: $300. Man hours of labor? Too many to tally, but every one of them filled with fun.

The Sea Tramp practice of sharing labor has taken on some of the social aspects of husking bees and barn raisings of pioneer days. It was Founder Cummings who set an early trend by stocking the refreshments which lured a crew of calkers and painters to help his private project along.

Bill Wilkinson had a similar affair when he got his first craft up to the point where he had to muster all hands and the ship's cook to reach the launching stage. This craft was built up from a hull he'd heard about at a Sea Tramp meeting: "It could be had real cheap." In fact, when he went to the man who owned it, Bill got it for hauling it away.

At a later meeting Bill sat with Tom Perrigo and learned that Tom was looking for a buyer to take an LCVP he'd fitted out with a cabin and had lived in through the winter of 1955. He'd sold it and then later bought it back. He and Bill were close to striking a deal on the civilized landing craft as they walked out of the meeting.

C. E. Hoskins was an old hand at do-it-yourself boat building before he became a card-carrying Sea Tramp. Backyard project at present is boat number seven for him. What he likes best about this 21-footer: "I bought the plans at a Sea Tramps meeting for two bits."

There's a trend which Sea Tramp Cummings hadn't expected in his group. Members are going for speed as well as size as they graduate from one craft to the next.

The disturbing trend showed itself at a recent meeting. "If you want to get a little more speed," the tempter declared, "put a planing board about six feet forward of the transom." Some jumped at the suggestion, and left the hall with a look in their eyes which indicated they'd give it a try.

One not to be counted among the speed seekers, however, is Jim Peck. He admits he voices views and has been guilty of some deeds which cause him occasional self-conscious spells among the pure do-it-yourself element in the Tramps.

Peck, who came to Seattle from Ohio ten years ago "to get near the water," explains his actions this way:

"I searched and scouted for at least three years, a full year before the Sea Tramps were organized. I swear I knew every hull in town. I finally decided I'm not the mechanical type. As an advertising artist, I'm not afraid of a paint brush, but when I get to the wrenches and the adz and plane routine, I'm not with it."

(*continued on page* 99)

The most Exciting Line of Quality Built Fiberglas Boats in Our History!

***BEETLE BOAT COMPANY AND MARSCOT PLASTICS, INC. JOIN TO BRING YOU WORLD'S WIDEST SELECTION OF FINE YACHTS**

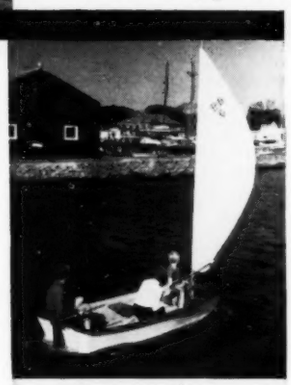
FOUNDED OVER 100 YEARS AGO, the original Beetle Boat Company started by making whaleboats for the New England whaling industry. Today, joined with Marscot Plastics, Inc. and operating as the American Boatbuilding Corporation, factories and shipyards are located in Massachusetts, North Carolina and Rhode Island. Ships up to 110 feet have been built for private and government construction.

The first to bring the tremendous advantages of fiberglas construction to the general public over twelve years ago, American Boatbuilding Corporation today is producing every type of fine yacht — from 8 foot dinghies to 40 foot auxiliaries. Row boat, powerboat or sailboat, you'll find *your* boat, here.

POWER BOATS

A complete line of fiberglas inboard and outboard motor boats from 12 to 26 feet comprises our line.

Pictured above is the all new 26′ Sea King. Sleek in appearance, luxuriously appointed, four to six can cruise her comfortably and effortlessly.



SAIL BOATS

Beetle and Marscot Sailboats are also fiberglas constructed. Designed for safe as well as fast sailing, they cannot sink. Thousands are in use in colleges, camps, yacht clubs, here and abroad.

BEETLE PRIVATEER
You've never seen such generous accommodations in a 21 foot power boat. Takes roughest weather in stride. Skims through waters at speeds up to 30 m.p.h. L.O.A. 21′.

MARSCOT SEA SCOUT
Ideal for heavy going, "out where the big ones bite". Available as cruiser and can be inboard or outboard powered.

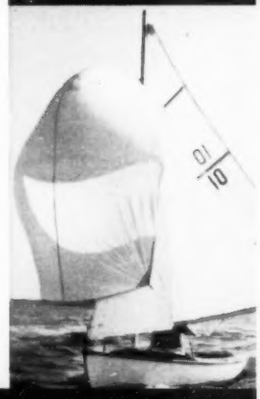
BEETLE BAITCASTER
A rugged, beamy and exceptionally stable outboard runabout designed for comfortable fishing. Speeds up to 35 m.p.h. with 40 h.p. outboard. Priced for modest budgets. Unsinkable.

BEETLE GULL
A fine, safe design for the beginner. Length 10′3″, yet will support six adults. Aluminum spars.

MARSCOT WOODPUSSY
A favorite for camps, schools, or where a comfortable easy to handle boat for youngsters is wanted. Thousands in use. L.O.A. 13′7″

BEETLE FALCON
A new design. Perfect for safe, interesting day sailing. Cuddy cabin for sleeping bags and stowage. A fast growing class. L.O.A. 16′.

BEETLE TECH
Designed by M.I.T. engineers, thousands of these class racers are in use. Leading universities prefer this above all others. Fast, will outsail many bigger sailboats.



MARSCOT PUFFIN
Another camp and yacht club favorite. Perfect for training youngsters in more advanced sailing techniques. L.O.A. 14′.

***SEE OUR NEW NAME BELOW**

Complete Literature Available

The above are only some of our current boat line. For complete details, prices etc. write for following literature.

Dinghies and Sailboats	Brochure "A"
Powerboats, inboard and outboard	" "B"
Galaxy Sloop	" "C"
Sea Sprite Sloop	" "D"

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An Adventure in Motion . . .

Ancarrow Marine's
Fleet of the Future

From the brilliant, swift-paced world of science and engineering comes a totally new concept in speed—motion—performance.

It is this concept that sparked the development of the dynamic, excitingly different boats shown here.

THIS IS ANCARROW MARINE'S 1958 FLEET!
Each hull superbly designed and constructed . . . all inspired by the world renowned "Aquilifer" . . . and at prices that are unbelievably competitive. This is a fleet of the *unlimited future.*

For here is a *new* age of styling and performance. Here is speed and beauty undreamed of yesterday . . . hoped for tomorrow . . . captured by Ancarrow today.

The rugged Gladiator—a versatile, 20′ utility with a top speed of 47 mph. The superb Patrician—a sleek, 19′ runabout reaching speeds of 50 mph. The breath-taking Praetorian—19 feet of fiery sports speedster with speeds of 55 mph. And the unequalled, inimitable Aquilifer. The most luxurious runabout afloat . . . still guaranteeing 60 ice-smooth mph.

Truly, these are tomorrow's boats. Next year's boats. Ready to show you adventure in motion *today.*

1958 Fleet of the Future—the Aquilifer, the Gladiator, the Patrician, the Praetorian.

SEE US AT THE BOAT SHOWS

N. Y. Booth No. 57, 61
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National Association of Engine & Boat Manufacturers 1904 MEMBER

Write for illustrated brochure.

Ancarrow Marine, inc.

1727 Summit Avenue
Richmond, Virginia

You'll see **everything** new...
at the greatest boat show on earth

THE CHICAGO NATIONAL

BOAT SHOW

Feb. 7 thru 16 ★ International Amphitheatre ★ *Bigger! Better than ever! Over 375 exciting exhibits! Free entertainment daily! World's largest display of boats! Fun for the entire family! Parking space galore!*

(*continued from page* 94)

After three years of searching, the fever had Peck about to let go at the seams. He'd turned his back reluctantly on a score of cruisers too big for his pocketbook. Yet he still couldn't settle for a runabout or an outboard. With him—like virtually all Sea Tramps—it's a case of having to own a bigger boat.

Then Peck saw and succumbed to the allure of a 30-footer. He bought her. She's a sound seven-knotter, a little closer to middle-age than most glamour girls, but Peck can't mention her without the glaze of bliss coming over his eyes.

Meanwhile, among the other Sea Tramps—the aircraft workers, the insurance men, junior executives, a deep sea diver and even a sculptor—the search for old hulls, surplus engines, the tips on good buys in paint, hardware and fittings goes on. Jim Peck will continue to be available for painting bees, at least on weekends when small craft warnings are hoisted.

He and others will turn-to for Founder Cummings, who has a lot of work yet to be done on the 26-foot Alaskan hull that sits in a cradle beside his home.

Speaking the mind of a true Sea Tramp, he remarked with a sigh:

"She's a fine boat—real stout and rugged. She'll have a lot more class than she ever had when I get through with her. She'll make a swell boat for somebody."

When asked if such a comment wasn't beyond the code of a Sea Tramp, especially the originator of Puget Sound sea tramping, he said:

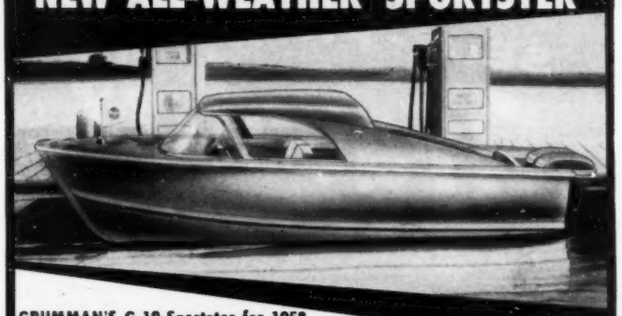
"You don't understand. I got a chance to cruise around on a 40-footer last summer. Twenty-six feet doesn't add up to enough boat for a man with an increasing family. Wife and kids can only stand so much cramping, you know . . .

"Say, if you hear of a good, sound 40-footer, something a fellow with enough boat know-how can put back in the water, will you let me know?" —Bob H. Hansen

Sterling Mark of Quality in Aluminum Watercraft

Grumman

NEW ALL-WEATHER SPORTSTER



GRUMMAN'S G-19 Sportster for 1958
Inboard and Outboard Models

QUALITY IS THE DIFFERENCE
In Big Capacity Aluminum Boats

Here's the *big* all-weather boat everybody has been looking for – for the entire family, for fishing, hunting, cruising, water skiing. Powered up to 100 HP inboard or single or twin outboard models . . . fast and dry with big load capacity. Stationary hardtop as illustrated or convertible Navy-top optional with provisions for overnighting; also open deck models.

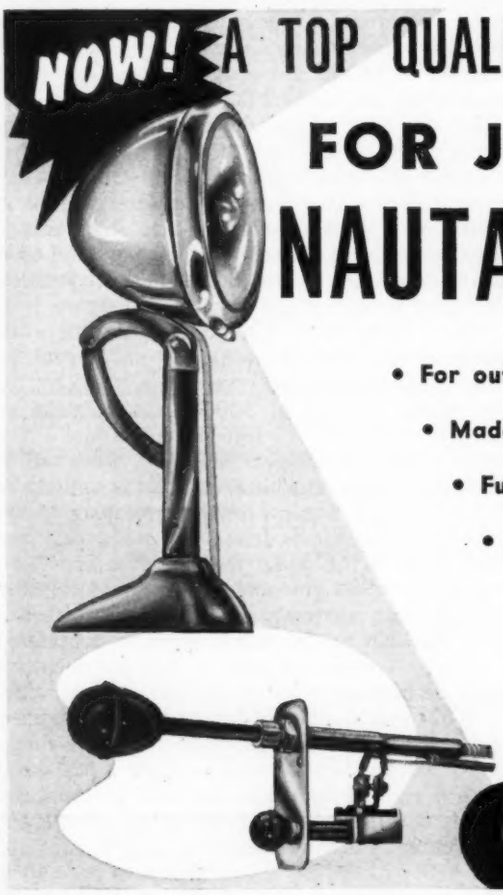
For Coastal Waters – GRUMMAN'S exclusive Navy-type process gives lasting protection against salt or brackish waters.

FREE! Write for GRUMMAN'S 1958 Catalog and Dealer's Name

Product of the World's Foremost Builder of Amphibious Aircraft
GRUMMAN BOATS, INC.
7728 South Street Marathon, New York
first and finest in aluminum watercraft

See GRUMMAN Boats and Canoes at New York, Chicago and Boston Boat Shows

NOW! A TOP QUALITY REMOTE CONTROL *Spotlight*
FOR JUST $39.50



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- For outboard runabouts and cruisers
- Made of heavily chrome plated brass and stainless steel
- Full flexibility with maximum vertical action and 340° rotation
- For 6 volt or 12 volt systems
- Entire control action sealed against the weather
- Sealed beam unit gives 95,000 beam candlepower
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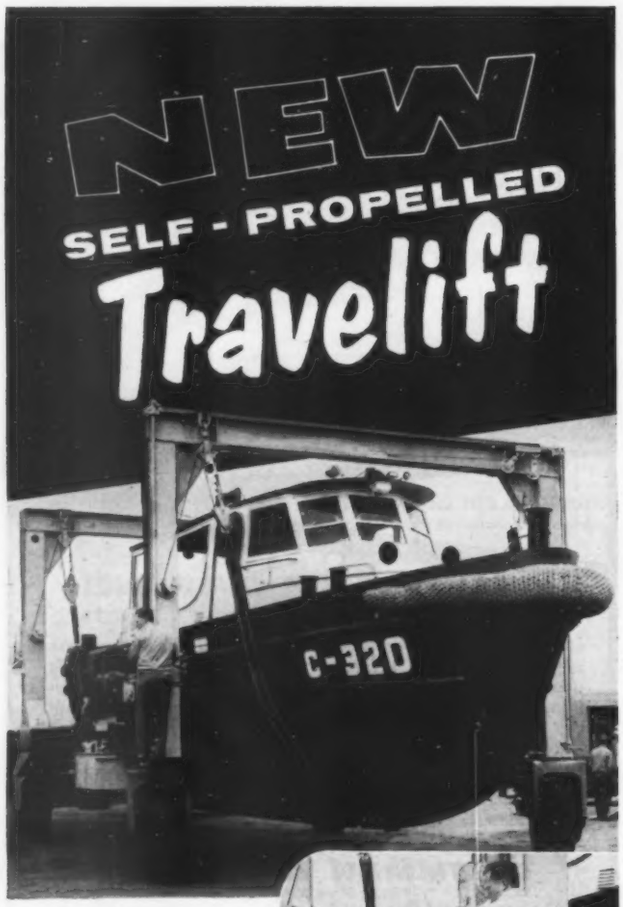


One man operates the new 25-ton Self-Propelled Travelift.

MODERN MOBILE BOAT LIFT

- Greater maneuverability. No truck needed. Steering, lifting and propulsion all by hydraulics. Requires an amazingly small turning radius.
- Greater efficiency and visibility for operator through convenient side-position.
- Expands easily from 13′ to 25′ to safely handle boats of various lengths and design.
- Available in two models. 12 and 25 ton capacities.

Marine Travelift offers over twelve models engineered to handle any boat lifting operation ranging from 250 lbs. to 50 tons at record speed, the modern, efficient, safe way. Investigate the many advantages of this equipment.

MARINE TRAVELIFT & ENGINEERING INC.
Sturgeon Bay, Wisconsin

Gentlemen:

☐ Please send me information on the new SELF-PROPELLED MARINE TRAVELIFT to handle boats up to .....ft. in length

NAME .....

ADDRESS .....

CITY .....STATE.....

ANCARROW TEST

(*continued from page* 69)

there must be other boating enthusiasts who wanted a high speed quality product.

The Aquilifer was patterned after the Appel boat, and during 1957 Ancarrow Marine built and sold eight of these at a price tag of $19,450. Each boat was guaranteed to clock a minimum of 60 m.p.h. If it failed to reach this speed, the owner was free to return it and get his money back. None were returned.

Who bought the eight Aquilifers Newt won't say. These owners are a fairly exclusive group who prefer not to have their names linked with $20,000 sports boats for fear this would earn them a spot on luxury lists. The Aquilifer, restyled and lengthened to 25′ will be marketed again this year. It will be more cushy but just as fast as ever. One model will even include a hydraulically operated canopy, plus air conditioning.

The Aquilifers, however, were priced well beyond the budget of most speed-loving sports boaters. That's when Newt came up with the thought that he'd adapt the Aquilifer design to a 19-footer, hold the price tag down but keep the speed and quality up. The Praetorian Sports Speedster came off the drawing board of Norman Lauterbach, chief designer and builder of numerous race boats, including a 3900 horsepowered aluminum skinned Unlimited Class hydroplane designed and built for Henry Kaiser.

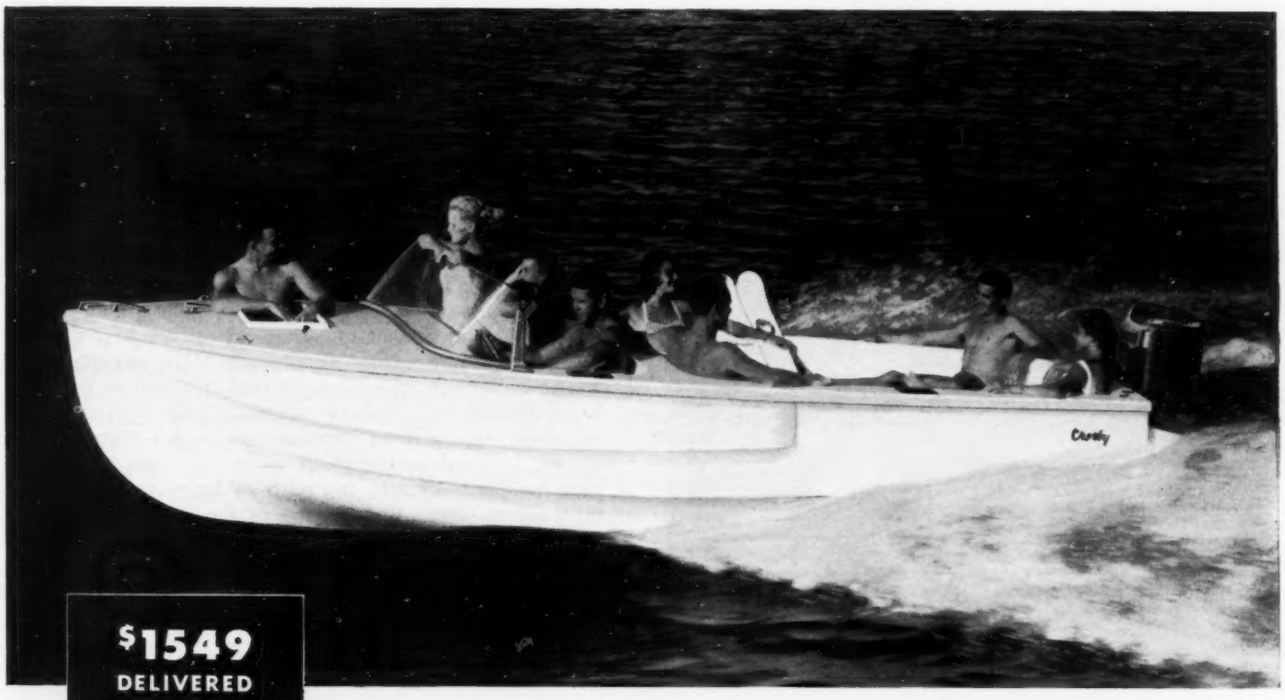
The prototype of Ancarrow's 19-footer was tested in scaled-down version at Stevens Institute of Technology. A 30″ scale model proved to be safe theoretically up to 90 m.p.h. Then a full scale prototype was built and has undergone extensive underway tests. This was an open boat with movable weights bringing the overall weight to that of the projected finished boat; but permitting a study of weight placement for proper balance and handling characteristics. Once the test craft had been proved, three fully equipped experimental versions were made: one, the Gladiator, a 20′ long utility; a 19′3″ sports runabout, The Patrician; and the Praetorian, a three-seater speedster of the same length. For our tests I selected the speedster, which is guaranteed for 55 m.p.h. and carries a $7,978 price tag, completely equipped and ready to take off.

I conducted my tests of the Praetorian on the James River near Richmond on a stretch of water beside Hatcher Island known as the Aiken Swamp-Dutch Gap Cut-off. There was no traffic on the river since my test was run in late November on a bleak cold day with a slight drizzle that was later to turn into a steady driving rain. The river was full of driftwood and debris, but neither the weather nor the clobbered water surface dampened designer Norman Lauterbach's enthusiasm. I stood on shore first while Norman made a few practice swings up and down the course. When he booted her full bore with a 12½″ by 20″ three-bladed wheel winding at 5000 r.p.m., chunks of driftwood and branches flew 10 feet in the air.

My first test interest was to give the boat a *safety* rating. This was a bit difficult to do with a boat that is going to be guaranteed for 55 m.p.h. because any boat romping at that pace over the water can get its drivers and passengers into trouble. Let's state at the outset that the Praetorian can more than meet her speed guarantee. That she is coltishly fast doesn't make her inherently unsafe, any more than a passenger car that can top 90 m.p.h. need be considered inherently unsafe. The use of good or bad judgment on the part of future helmsmen wasn't figured into our rating. If you take a 100 m.p.h. automobile and boom wide open down the main street of town, you might as well be riding in a hearse. Or if you should decide to make a full speed right angle turn and cut across a hay field in your car, you've probably had it, brother. Handling a boat calls for the same discretion as driving a car.

(*continued on page* 102)

Here's NINETEEN FEET *of Everlasting Fun!*



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DELIVERED
(Slightly higher west of Rockies)

COMPARE this price with any similar boat—anywhere! Price includes forward hatch, bow eye, stern cleats, bow checks, center deck bit, stern and side seats, all-around rubrail with polished trim brackets.

Crosby's *Baycomber* is America's biggest value

No boat afloat can match the Crosby Baycomber in price and performance . . . and in a winning combination of beauty, capacity, endurance and safety! With this versatile Crosby boat, you can take the whole party to a shore-side dinner . . . tow a flock of skiers . . . take the entire family for a moonlight run . . . or load up with fishing gear for a gang! The Baycomber's built to easily seat ten . . . and to take everything in stride!

The big, gleaming hull is as sleek, chic and streamlined as a runabout . . . gives a far smoother ride . . . and is easier to handle. She "corners" with the best of 'em . . . never ships water. The high-planing, seamless one-piece Crosby Fiberglas hull is practically maintenance-free . . . immune to salt water, corrosion, summer heat and winter cold. And, like all Crosby boats, the Baycomber is safe in the hands of the novice! For a boat you'll enjoy year after year, see the Baycomber. Write today for the name of the Crosby dealer nearest you.

Crosby Aeromarine, Grabill, Indiana

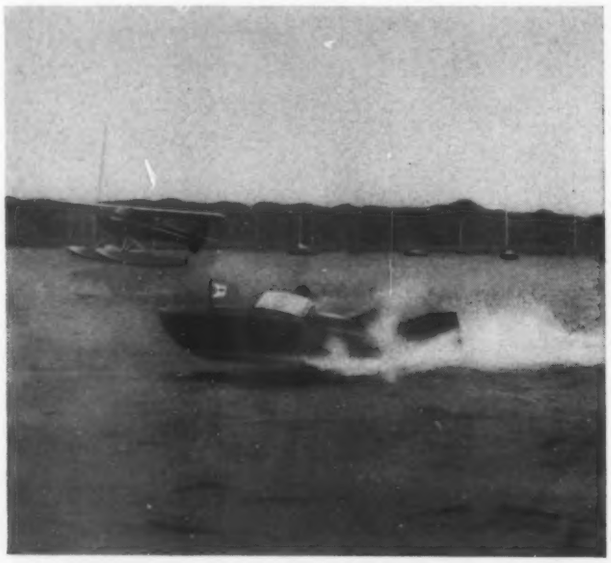
DEALERS! Increased demand for Crosby boats, plus expanded production facilities, make it possible for Crosby to serve a few more areas. Dealers who qualify can offer better boats at prices *well below* anything of comparable size and quality. Write Ed Cusworth, Sales Manager, Grabill, Ind.

Safest Boats Afloat **Crosby** *Runabouts and Cruisers*

14' • 16' • 19' • 22' LENGTHS

(*continued from page* 100)

The first thing I noted was that there was absolutely no tendency for the Praetorian to porpoise at any speed. From about 3500 r.p.m., which figured out to about 47 m.p.h. allowing for 30% prop slippage and later on a measured course proved to be 46.5 m.p.h. she rides light on the water with her bow flat, fairly low to the surface. She has a light floating helm feeling, yet responds to the rudder when it is desired. The rudder is approximately 10″ wide by 15″ deep. More rudder area would doubtless give her quicker turning, but also would knock down her safety rating.



With speeds that can keep pace with plane taking off, the Praetorian earns a luxury runabout rating.

At 60 m.p.h. I wasn't about to put the boat over hard right or left, despite the fact that Norman thought it might be possible. I hold firmly to the theory that there is no such thing as a flip-proof speedboat. A dunking in icy cold water garbed in a heavy fleece-lined coat isn't my idea of fun, nor is it necessary as a part of the test. I did put her in hard over turns at 45 m.p.h. and later at 50 m.p.h. despite Newt Ancarrow's warning that at any pace over 40 m.p.h. I was strictly on my own. The Praetorian must be helmed like a race boat in the corners. This technique is comparable to that of cornering a sports car or your own passenger car in a relatively fast power-controlled slide on gravel. Entering a turn at 40 m.p.h. or better, you back off the throttle, cock the boat in the direction you want her to go, then boot down on the throttle again and she comes around nicely in a controlled slide. She shows no tendency to spin out and switch ends—a failing of many present-day high speed stock runabouts. Since there is nothing violent about a normal turn, behind the wheel you have no sensation whatever of being about to be pitched into the drink. In the outside passenger's seat the added flare to the gunwale offered by the tail fins' leading end gives a snug feeling. The addition of a well-placed passenger grab bar could add to a sense of security. There is a brace on the plexiglass windshield, but it is too far forward and badly designed for comfortable grabbing. The windshield was one feature that caused me to knock the safety rating down from excellent to above average.

The cockpit coaming and the dash are well-padded with heavy sponge rubber under the Naugahyde upholstery. If you were suddenly to encounter a rugged wave and be thrown forward by the shock of impact, you couldn't be hurt by slamming into the dash or being thrown against the cockpit sides. But the top of the wraparound windshield could do a good black and blue job or even cut if you were to be bashed up against it. This unfortunately is true of many windshields. I would much prefer to see the windshield height increased by about 5″ or 6″ so that

Something wonderful is happening to boating
...the new Cruis Along Custom 31

Cruis Along
CUSTOM
31

Thrill to the size . . . 31 feet of unbeatable boat luxury with real yacht-like accommodations! This mahogany planked cruiser has the Super Hyplane Hull that guarantees a velvet smooth, level, non-pounding ride. It has a large, self-bailing cockpit, optional teak decks, cruising accommodations for six . . . dinette converts into double bed, settee into upper and lower berths; up forward a cabin that can be closed off has two berths. Full-sized lavatory, additional head in forward cabin. Complete galley and loads of stowage space make this the ideal cruising boat. Write for free catalogue.

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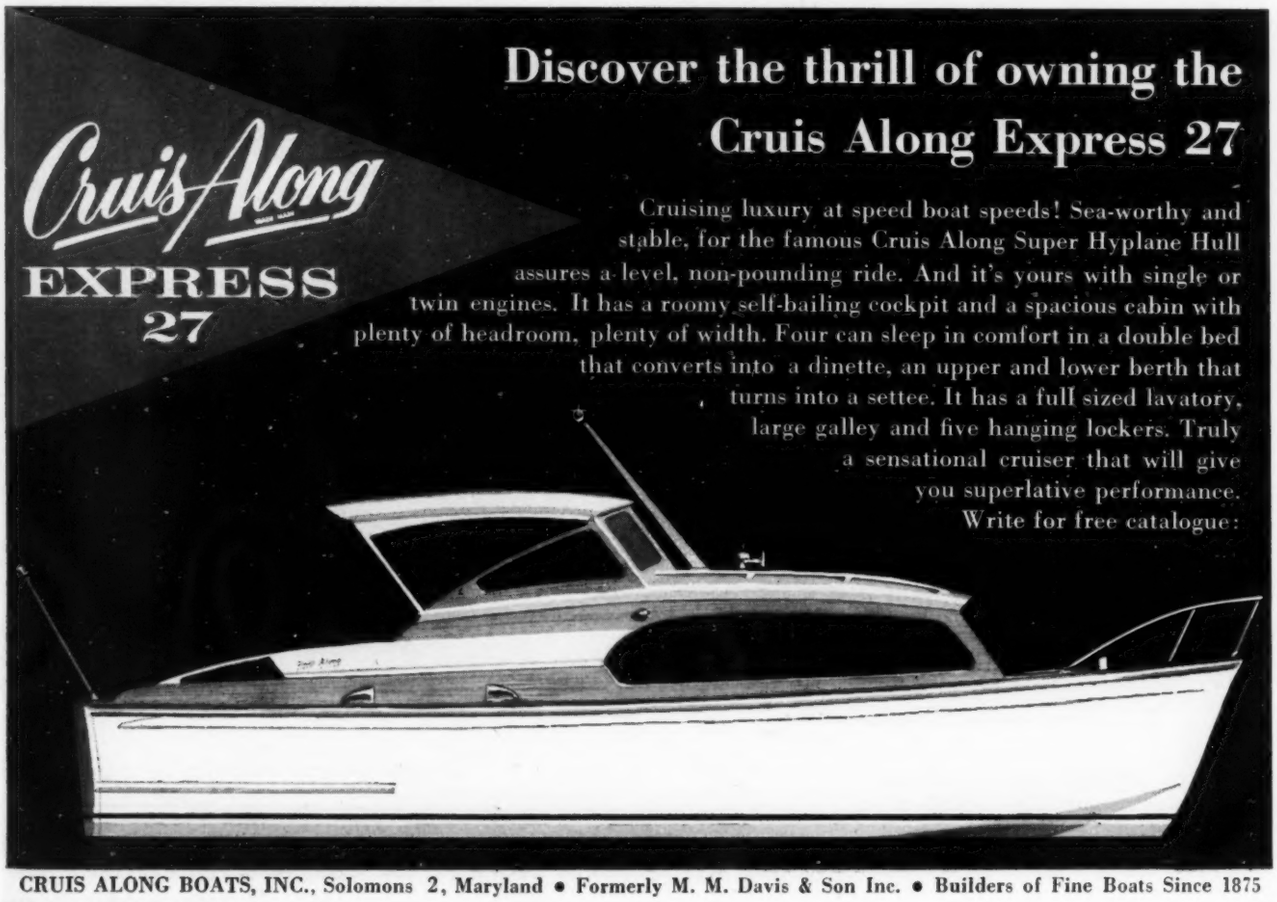
you would look through it rather than over it and have a fully framed shield with padding on the top edge.

I didn't like the balance of the foot throttle, a rocker type that required a little too much heel pressure to back off on the throttle. Unless your foot was placed just right, you had to do a bit of groping, which made for slow reaction timing. This I understand is to be corrected on the production models. I felt that the foot throttle should be spring-activated so that a release of foot pressure would automatically result in deceleration.

The steering is very ruggedly constructed. It is a drag-link type with a bronze Kainer steering box, well secured and routed in a protected manner, free of any obstructions down the starboard side of the hull. Naturally, with the type of lush finish you'll find in the boat, the linkage is completely concealed under the dexolium floorboard matting.

The back-swept transom makes it possible for the propeller to be located well forward of the trailing edge of the boat. The transom on the production models will be equipped with a step for easy boarding by water skiers or swimmers. Even with the engine idling, a swimmer or skier climbing up over the transom would be free of the prop, assuming poor judgment on the part of the driver, who naturally should kill the engine during boarding.

The speedster rated an excellent for *comfort*. The seats are semi-bucket type, three abreast, and fit the passengers' bodies snugly, and the heavy foam-rubber-filled cushions give a luxury ride. The only seating improvement I would suggest would be to have the driver's seat detached from the other two and adjustable so that helming the boat would be just as comfortable for a 5-footer as for someone 6′4″. The boat is exceptionally dry, even in a heavy chop, and has no tendency to pound uncomfortably. Its high speed planing design causes a jarring sensation at high speed, but any shock seems to be taken up by the comfortable seats. (*continued on page* 104)



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(*continued from page* 103)

The boat received its only poor rating in the *adaptability* category. The low rating was inherent in the design. The boat isn't a fishing boat by any stretch of the imagination. In fact, few owners would be very happy to have their beautifully finished cockpit messed up with bait. And any owner would probably shudder at the thought of cutting bait on the handsome scribed-mahogany topside, or on the edge of the molded fiberglass tail fins.

The production models will be equipped with ski tow hardware, and certainly the Praetorian is capable of offering any skier the ride of his lifetime. However, water skis would have to be slung on the engine hatch and afterdeck, as there is no handy ski storage. Ski rack deck fittings might be a good accessory. You couldn't go camping in this boat although conceivably you could stretch out on the afterdeck in sleeping bags, but there is scarcely room to carry a lunch basket, so camping equipment is out.

She's unsuited for long range cruising. Despite a 35-gallon tank, if you run her wide open, she burns her fuel in one hour and fifteen minutes. However, at a very comfortable cruising speed of slightly under 40 m.p.h. at 3000 r.p.m. she's not the gas hog you might think she would be. At that speed she'll burn between 10 and 12 gallons an hour, offering you about a three hour cruising range.

She's primarily intended for protected water, and although she will boom over two to three-foot waves without any trouble, she wouldn't rate as a top choice for open bay commuting, and as an off-shore boat she'd show to poor advantage. The boat basically has only one real purpose: high speed with the ultimate in comfort and safety.

When it comes to *durability*, the Praetorian again landed in the excellent bracket because she's put together to last. From her two-piece keel constructed of 1⅝" by 6" white oak, and her 15-ply molded laminated white oak 4½" x 3" stem on through her framing to her outer skin, she's built solidly. Her bottom stringers are white oak ⅞" by 1¾"

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. . . Cruis Along Bimini 27

Cruis Along
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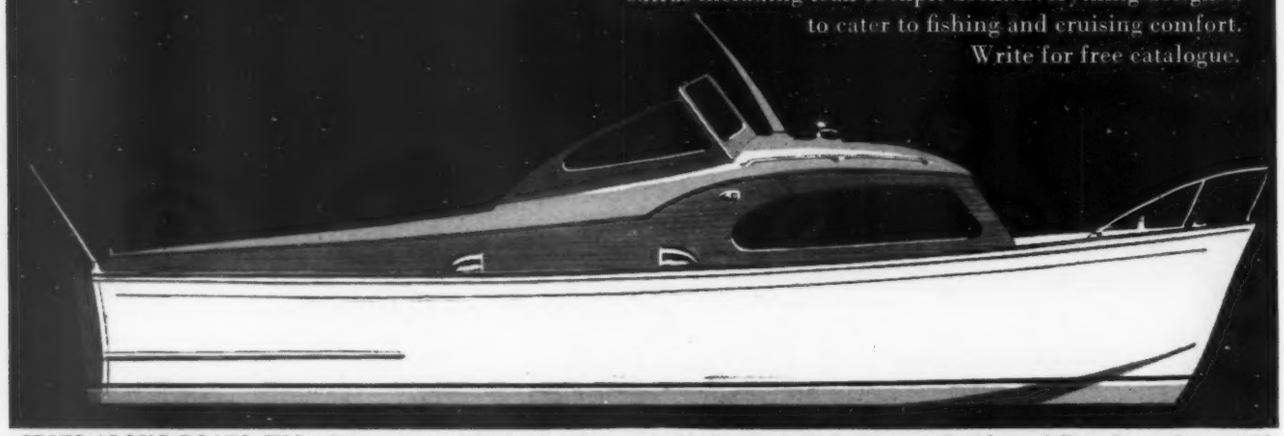

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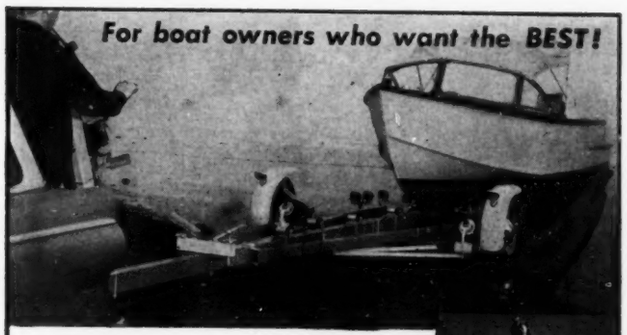
on 5″ centers. Her engine stringers are 1¾″ by 6″ sitka spruce. The bottom frames, which in most runabouts are constructed of Philippine mahogany, are ⅞″ by 4″ oak. Side frames are constructed of ⅞″ by 3″ sitka spruce and the chine gussets ⅜″ thick African mahogany ply, roughly triangle shaped, 9″ x 9″ x 12″. Frames are on 24″ centers. Bottom planking and side planking is Macora African mahogany, selected because it has lasting qualities second only to teak in imperviousness to rot, and its strength is as great as birch. The plywood is imported from the Westag Mill in Germany, which was one of the first manufacturers of plywood, and has been making a high quality product for more than a century. The bottom planking is double layered three-ply with an overall thickness of .55″.

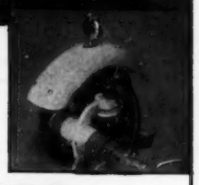
An interesting feature of the planking, which is made up to Ancarrow custom specs, is that the outer ply is 3/32″ thick, far thicker than that found in standard plywood. Even repeated sandings for repainting should not cut through this outer veneer. The transom is ⅜″ ribbon grained mahogany ply, framed with ⅞″ thick white oak. The chines are white oak, 1″ by 2½″ and the sheers are built up like a box girder from ⅞″ by 4″ oak. Deck beams are sitka spruce on 12″ centers. The decking is ¼″ thick, three ply, ribbon faced Macora Mahogany, actually a high grade cherry.

All fastenings are silicon bronze. The rub rail is solid stainless steel. The fuel tank is monel rather than galvanized iron, secured by double bolted bronze strapping. Instruments are all non-corrosive brass and all wiring is secured with nylon clamps and the wiring is color coded. Even the propeller, which is custom built for Ancarrow by Stannus is made of Inco Ni-Bral, an alloy of nickel, bronze and aluminum. Even after several hours of chopping through driftwood, the prop, at least superficially, seemed to be untouched by the beating it had taken.

The shift mechanism located under the dash in the proto type didn't appeal to me. It was an electric hydraulic

(*continued on page* 106)





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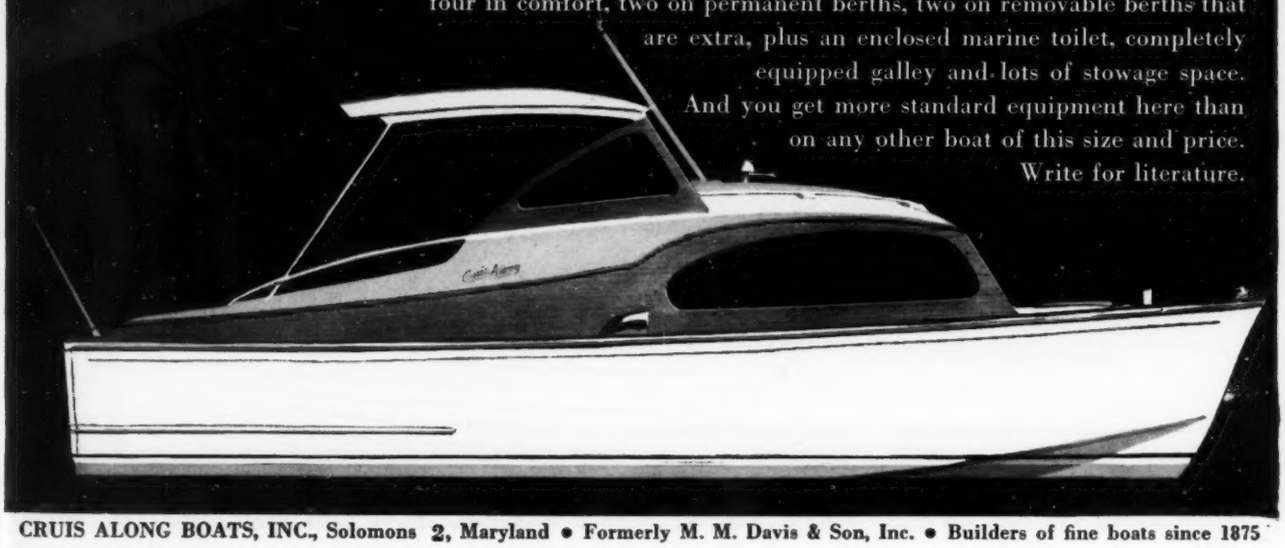

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(*continued from page* 105)

type with a considerable time lag in its response. Also, shifts couldn't be made in over-the-1000-r.p.m. range. On the basis of our criticism and that of a number of other people who handled the boat, this will be replaced with a direct-acting hydraulic, with gear shift lever of almost finger-touch lightness mounted on the steering wheel.

The *styling* of the Ancarrow we rated as excellent. Lauterbach and Ancarrow, with Arnold Appel (grandson of Adolph), have deserted the auto in favor of aircraft as the inspiration for their topside styling. The Praetorian fin lines, for example, are a direct steal from an F-200 jet. The engine hatch bubble is somewhat dowdy in appearance on the prototype, as you can note in the pictures. It is reminiscent of the type cowling used on earlier model 48 c.i. racing hydroplanes. This is to be replaced with a molded fiberglass carburetor-clearance bubble, copied from an aircraft wind scoop, so that it will be compatible in appearance with the jet type fins. The fins are not mere adornments. In the production models they will be made of molded fiberglass and divided into two compartments. The leading end of both fins serve as air scoops to supply air to the carburetors, which use 400 cubic feet of air per minute each at 4000 r.p.m. At the trailing edge of the tail behind the "A" insignia is a stainless grill to provide ventilation for the engine compartment. The air ducts in both fins are separated by watertight bulkheads so intake and outlets are separate. Should spray or even a following wave break over the stern of the boat, the ducts are so designed that water could not flow through into the engine compartment until the boat was wholly submerged, in which case no one would particularly care.

The dashboard is especially well styled, and fitted with ammeter, dual water temp. gauges, tachometer, water speedometer, oil pressure and a key-type ignition switch.

To check for *speed* I made my tests with a stopwatch clocking through a surveyed 775 yard course, which is .440

Crave action? Choose the brawny, clinker-built Cruis Along Buccaneer

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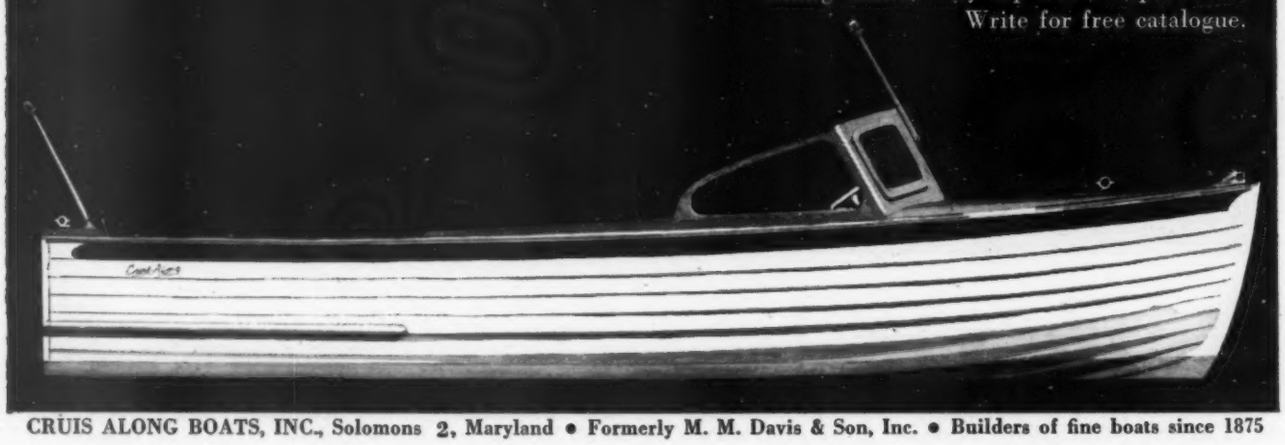
Ideal for water-skiing, pleasure riding and fishing! Really fast...with speeds up to 33 miles per hour depending on engine selection. Husky, sea-safe, water-tight, and built to take it. 19 ft. long with 7 ft. beam, it has a tremendous cockpit that holds a stern seat and fishing chairs. There are two steering positions, a forward wheel and stern tiller for trolling and inlet running. Engine box is hinged and insulated. Extras include spacious fish tank, marine toilet, fishing chairs, navy top and cockpit cover. Write for free catalogue.



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mile long. At 3000 r.p.m. she clocked 39.8 m.p.h. At 3500 r.p.m. she was running 46.5 m.p.h. At 4000 r.p.m., 51.5 m.p.h.; at 4500, 55.8 m.p.h. and at 4900 r.p.m. the maximum I held for the entire distance, she covered the run at close to 59 m.p.h. On a number of occasions for short bursts I ran the tach up over the 5000 mark, so that I was sure she could do an honest 60 m.p.h. although she will be more conservatively rated at a guaranteed 55 m.p.h.

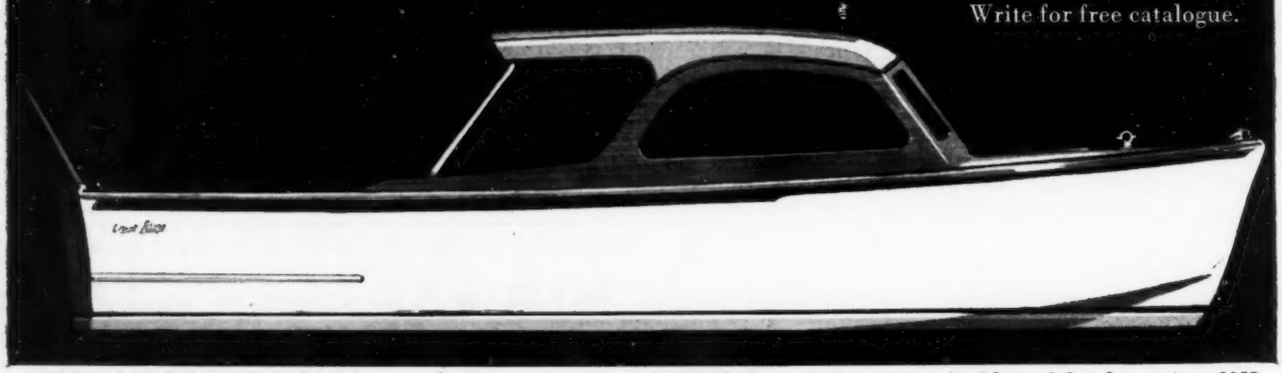
(*continued on page* 118)

Two-tone foam rubber upholstery and striking tail fins are Ancarrow styling characteristics.

Cruis Along
ANGLER
22

Everything you ever dreamed of in a fishing boat... the Cruis Along Angler 22

A perfect overnighter with a hard top to protect you from sudden showers and the burning sun. Speeds up to 32 miles per hour depending on engine you choose and Super Hyplane Hull to guarantee a level, non-pounding ride. Cockpit is roomy with space for optional stern seat and two fishing chairs. The cabin boasts two quarter berths and the comfort extra of a marine toilet. Other big features: two steering positions, forward wheel and stern tiller for trolling and inlet running. Insulated engine box, forward hatch. Extras include side curtains and cockpit cover. Write for free catalogue.



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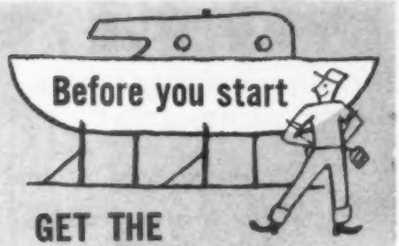

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FASTEST—

(*continued from page* 64)

higher horsepower are being produced by Chris-Craft, Chrysler, Gray, Flagship, Nordberg, and Universal.

In the field of modified and custom-built craft, the West Coast once again is becoming the hot bed of the hot rodder. From the dry lake drag strips he has moved to wet ones, bringing with him the highly reworked machinery which, when dropped into a boat, is rolling up record runs in the 100 m.p.h. category. Sprint racing has come afloat, and we can expect a healthy shot-in-the-hull for water speed as automotive conversions are tested and souped up for water work.

The new and highly potent outboard motors with outputs up to 70 hp can guarantee more speed and water-ski-pulling ability. For a very quick and short-lived thrill (unless you have done considerable racing driving) take one D-hydro racing hull and clamp on one of these 60 or 70 hp jobs. You may be topping out over 70 m.p.h. just before you flip the rig.

Even with your present outboard hull, if it's an older one, to be the top-speed titleholder of your waterways you will need more than a hot new mill to clamp on your aging transom. Chances are, first time you squeeze on full power in a tight turn, you're going to be boating minus transom and outboard powerplant. Older craft were *not* stressed for the surge of the new high horsepowers. Note the new hulls out now: beefy knees clamp the transom to keel and structural members. The transom itself has been—and yours should be—increased to a minimum of 1½ inches if your power will exceed 40 hp. Height of transom cutout is being lifted along with horsepower, and most of the top-output powerplants this year will offer optional 20-inch lower units rather than 15.

This is wise. Chop throttle abruptly to avoid driftwood while traveling at speed, and if you miss puncturing your hull on the log ahead, you may ship a bathtub of water which surges in over the low outboard-cutout behind as you decelerate. Even while trolling, a following sea has been known to curl up and poop a boat lacking adequate stern freeboard. If your motor cutout is 15″, install a self-bailing motor well, as many new boats are doing.

And if you are buying an old hot-shot that used to be the real going-bomb in your area, get an expert to tell you if fatigue is setting in and if the hull should be definitely retired rather than repowered.

But velocity over H_2O, like that on the ground or in the air, is also dependent on conditions of the medium you are traveling over or through. Just as no sports car speed records are racked up over winding rutted roads, or transcontinental flight totals through storms, so high speeds and craft capable of them are not practical if your boating will usually be on a white-capped lake or crowded harbor. Smooth water becomes increasingly important as speed goes up, and if most of your boating is offshore, a high performance engine and propeller coupled with a small hull light enough to carry them at speed could be a foolish and possibly dangerous choice.

And if you decide to be the local Gold Cupper of the bay, be sure you select an unrestricted area where open throttle operation will not bring you near swimmers, beaches, water skiers, sailboats, anchorages or reefs. You must remember you are legally responsible for your wake, and if your present hull is a sturdy, semi-displacement type, you may throw out a roller resembling a freighter's before you get up on plane.

As an exponent of speed, be sure you do nothing which will bring restrictive laws on everyone around your harbor. Already some town fathers who know nothing about boating are setting speed limits of two to ten miles an hour in channels where such a speed may be ridiculous, and where a rate of six knots for a cruiser may throw considerably less wake and give the boat much more steerage maneuverability than a slower plowing speed at the three-knot prescribed limit. See to it that you have a voice in making your local laws make sense *before* they are enacted.

But if you have the smooth and unrestricted water for the ultimate in speed, plus unlimited money, you can join the Unlimited class, order a new design from Ted Jones, power it with a Rolls Royce or jet, employ Jack Regas, Bill Muncey, or Miro Slovak to drive it, and just possibly finish the year with a new world's record of your own. Safer and more fun, probably, will be to speed up your present boat with tuning and more power, or buy a new one that is faster but still safe for you and your family to drive with enjoyment.—ELLISON MICHEL.

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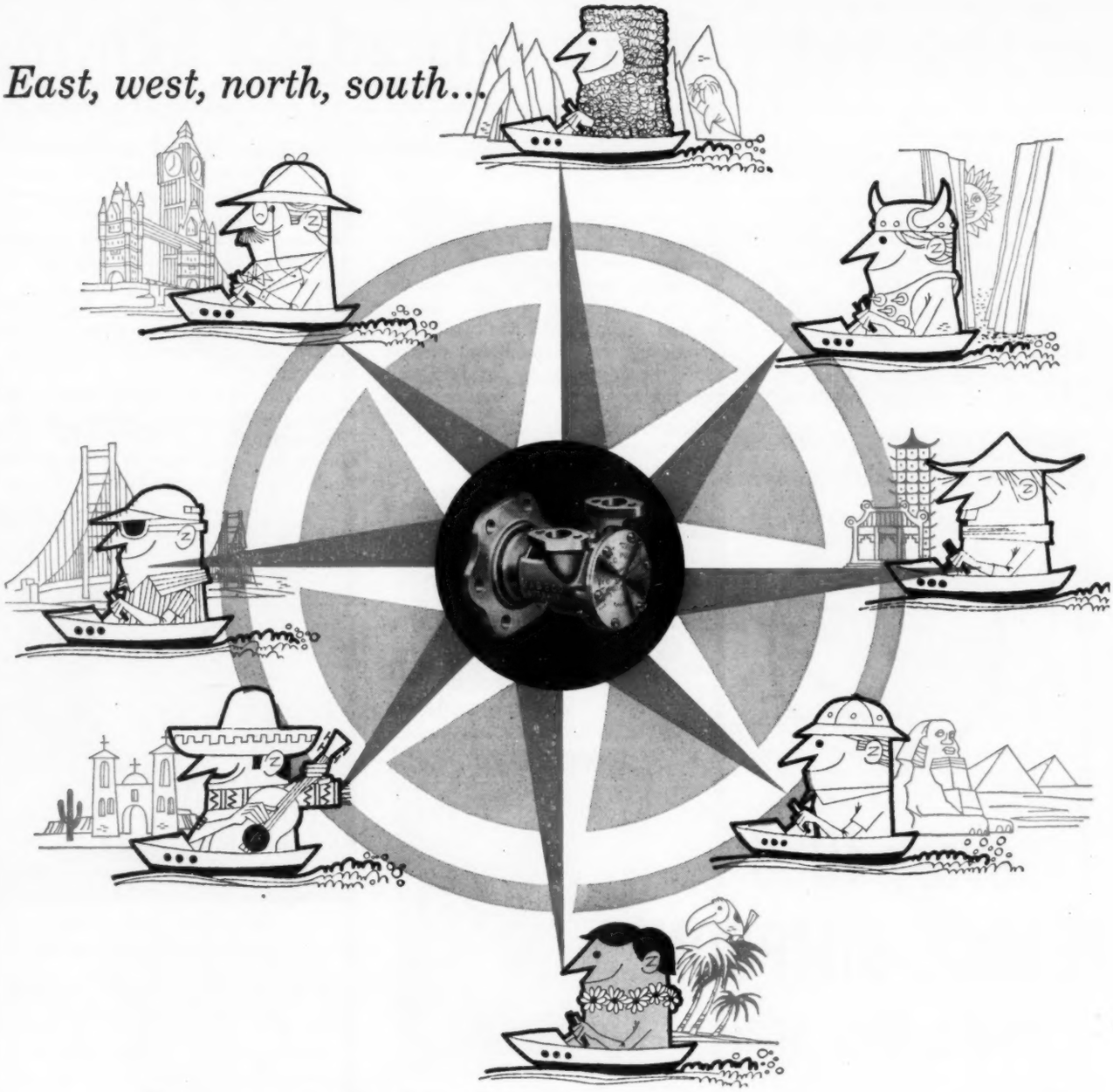

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SAILING—1957

(*continued from page* 67)

But the Twelves were not needed to record a great season for the thousands of men, women and children who accept the testing challenge of racing one another under sail.

POPULAR BOATING's Honor Roll for 1957 lists five of the big ocean racing yachts and seven small-boat skippers.

The blue-water yachts were Richard S. Nye's *Carina* from Greenwich, Conn.; Dr. Luis H. Vidana's *Criollo* of Havana, Cuba; *Harrier* which scored notable triumphs under the helm of her charterer and designer, C. Raymond Hunt of Boston; Clayton Ewing's *Dyna*, Green Bay, Wis., and Charles Ullman's *Legend* from Newport Beach, Calif. Our salute goes to these vessels, their skippers and crews.

The seven smaller-craft helmsmen are George O'Day, Boston; Mrs. Jane Pegel, Chicago; John Merrifield, Southport, Conn.; William Cox, Darien, Conn.; Lowell North, Chicago; James Carson, Metedeconk River, N. J., and Fred Schenck, Newport Beach, Calif.

Carina was the victor in the year's longest ocean race, the 3,000-mile passage from Newport, R. I., to Santander, Spain, last June and she did it in smashing style to become the first yacht ever to win two Transatlantic events. When brand new in 1955, the 54-foot yawl won a 3,450-mile run to Marstrand, Sweden. This time, staffed by a youthful crew of seven, *Carina* sped to Spain in 19½ days, soundly thrashing the first boat to finish, *Criollo*, by 27 hours on corrected time.

Carina then went up to England and duplicated her 1955 success by again winning The Fastnet, Europe's most notable ocean race. This year's event was sailed in some of the foulest weather in Fastnet annals and caused 31 of 43 starters to withdraw. The winning boat broke three ribs and had her deck lifted, yet she was first to finish and overall winner.

Carina and her owner, Nye, thus brought America our most notable international successes of the year in yachting.

Criollo, the handsome mahogany-hulled yawl, placed second in the Transatlantic race, and earlier had proved to be the class of the fine fleet that competed on the Southern Ocean

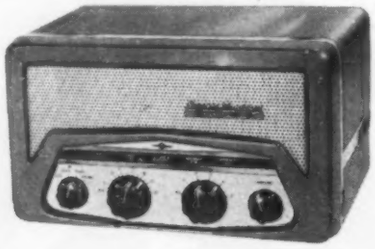
Criollo, Dr. Luis Vidana's 66′ yawl, had fine racing record.

Racing Circuit in Florida, Bahama and Cuban waters. Dr. Vidana's 66-footer won the Governor's Trophy for accumulating the greatest number of points in the five S.O.R.C. events. She placed high in all and was a winner of one, the St. Petersburg—Havana test in March, the first Cuban yacht in 27 years to take this event. And *Criollo* won big: first to finish, first in Class A, first overall.

Harrier was the top cruising racer on the East Coast, *Dyna* in the Midwest, and *Legend* on the Pacific shore. The latter, a six-year-old 50-foot sloop, was the fleet winner in a slow-pace Transpacific race, 2,225 miles from Los Angeles Harbor to Honolulu, as this biennial traditional attracted 34 competitors, second largest in its history.

Harrier looked to be a super boat to many an Eastern skipper as she knocked over the Annapolis-Newport race in June and then four straight, including the venerable Astor Cup, on the New York Y.C. cruise. *Harrier* is no super boat, being a stock

(*continued on page* 112)



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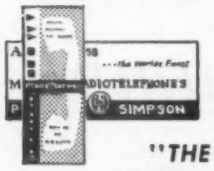

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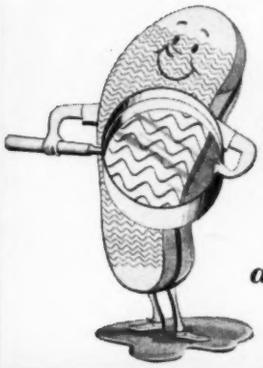

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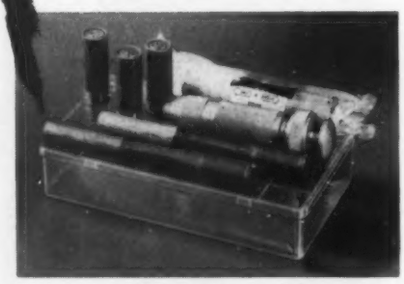

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(*continued from page* 110)

Concordia 41-foot sloop with some rigging variations, but she may very well have a super skipper in naval architect Ray Hunt.

The Annapolis-Newport run, a hugely successful race that attracted a record 48 yachts, saw Hunt put *Harrier* squarely on the rhumb line, and in downwind conditions she saved her time on the larger Class A and B boats. In fact three class C yachts, *Harrier, Bonne Amie* and *Finisterre,* finished 1-2-3 in the fleet on corrected time.

Dyna, a very new 58-foot yawl of unusual welded-aluminum construction but conventional design, came close to scoring a notable double-victory on the Great Lakes in the Port Huron-Mackinac and Chicago-Mackinac races.

Dyna won class A and overall fleet honors in the former which had its biggest fleet ever, and was first to finish among 72 cruising yachts. The next weekend she repeated her class A victory in the 333-mile Chicago-Mackinac event and wound up third overall in another record fleet of 79 starters.

Old Crow, Jim Roosevelt's Raven, again won Midwestern nationals.

On the small-boat level, a 34-year-old skipper of vast experience in a variety of craft on interscholastic, intercollegiate and international race courses, George O'Day, won the Mallory Trophy, the North American men's sailing championship that is the goal of thousands of one-design skippers from coast to coast.

O'Day who heads a Boston boat sales and brokerage firm, defeated seven skippers who had survived district eliminations, in a series of eight races sailed with *Thistle*-class sloops. Representing the Marblehead, Mass., Frostbite Sailing Club, O'Day made good use of his planing-hull know-how, picking up 10 places on downwind legs. He had two firsts, two seconds in the first four races and then coasted to win by 3¼ points over Dr. Walter Lawson, who represented Chesapeake Bay.

(*continued on page* 114)

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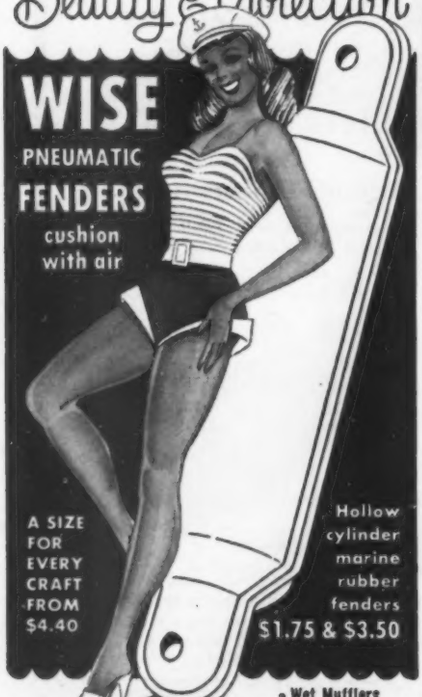

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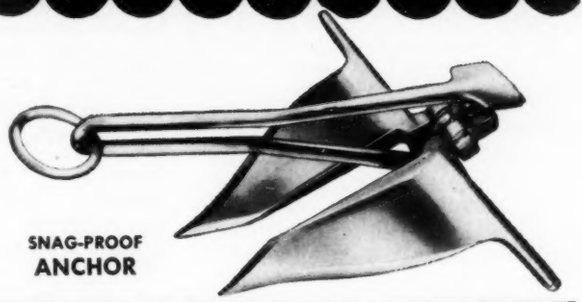

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(*continued from page* 112)

Charles Forsberg and David Smith crewed for the winner, who had earlier dethroned the 1957 champion, Ted Hood, in a local elimination.

The women's national championship, the Mrs. Charles Francis Adams Trophy, stayed away from the East Coast for the second straight year, but only the second time in 25 years, as an iceboat skipper, Mrs. Jane Pegel, won the series on Galveston Bay, Houston, Tex.

Harry Platt won top honors in Atlantic Class regional finals.

Mrs. Pegel, a 24-year-old Chicago Y.C. representative, won easily with three firsts and three seconds and led throughout the eight races. Her crew enlisted Judy Nye and Mrs. Francis Roche. A distant second, 11 points behind, was Miss Phyllis Carlson of Rocky Point Sailing Club, Old Greenwich, Conn.

The Sears Cup for the North American junior championship went to another Connecticut skipper, 17-year-old Johnny Merrifield, in a series at New Orleans that had some heartbreak in it. The unfortunate youth was John Jennings of St. Petersburg, Fla., who won four of the first seven races and needed only to complete the course in the last one in order to win the series. But Jennings hit the starting-line mark, fouling out, and Merrifield won the finale to edge the Florida boy, 51½ to 51.

Jennings has had enough yachting bad luck to last a lifetime. He tied on points for the Sears Cup in 1956 with Seattle's Alan Holt, but lost the trophy when boat placings were figured to break the deadlock.

Of the many national or international champions in various one-design classes, a most notable achievement was recorded by Bill Cox of Noroton, Conn., Y. C., in winning his

(*continued on page* 116)

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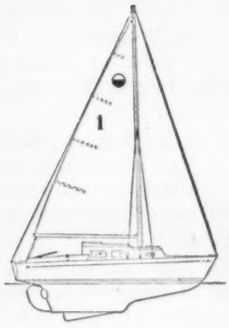

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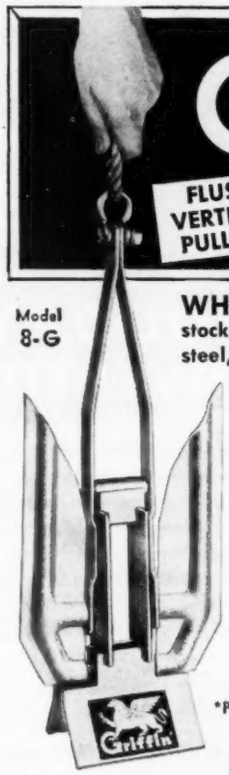

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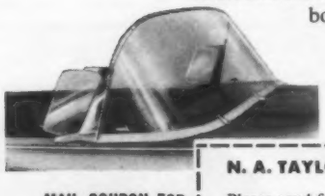

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(*continued from page* 114)

second straight *Lightning*-class title. Cox, who later placed third behind O'Day in the North American finale, quickly wrapped up the five-race series at Milford, Conn., by finishing 2-1-1 in the opening three events. He concluded 36 boat placings ahead of second-place John Tiegland of Spray Beach, N. J.

There were 52 skippers in the championship, a group that represented the cream of the local fleets in this 7,000-boat class which many now consider the most representative of any in the nation.

With the *Star* class world's championship scheduled for Havana in November, the North American series at San Diego was the big domestic event for this oldest of the one-design classes. Sailing *North Star III*, Lowell North and crew Jim Hill accomplished an excellent series, 1-3-1-1-2, to win by 13 points over Bill Ficker of Newport Harbor, Calif. There were 24 fleet champions competing.

The *Penquin* class, 4,800 boats strong, crowned Jim Carson as national champion at Chicago where 26 of the tiny plywood dinghies competed. Carson edged the home town defender, Bob Smith, by 108.3 points to 106.4.

The world's largest one-design class, the *Snipe*, awarded its North American title to Fred Schenck who went on to Cascais, Portugal, for the 21-nation International championship. There Schenck finished a very commendable third behind the new champion of this 11,000-boat fleet, Juan Manuel Alonso Allende of Spain.

RECORDS & RESULTS

Other notable yachting accomplishments in one-design and off-shore events follow:

ATLANTIC—Harry Platt of Cold Spring Harbor, L. I., Beach Club won title by coming from behind on downwind leg in final race of this 28-year-old regional Long Island Sound class.

BLUE JAY—There is no class championship for this booming 13-footer, but 16-year-old Tom Munnell of Southport, Conn., scored a notable triumph by winning an unprecedented eight straight races in 25-30 boat fleets at Larchmont Race Week.

COMET—Rodger Low won in 10-year-old *Tym Fly*, the boat in which his brother Larry took four seconds but never a first in previous *Comet* nationals. There were 38 fleet champions competing on Low's home course, Atlantic Highlands, N. J.

DRAGON—Philip LeBoutillier of Toledo won the first American championship for this popular European class, in *Top Hat* over nine others.

FIREFLY—Dennis Posey of Larchmont, crack intercollegiate dinghy and *Thistle*-class skipper, was the champion.

5.5 METER—This international class was dominated by a Texas-built boat called *Flame*. Owned by Albert Fay of Houston, it won the U. S. championship and under the helm of Bob Mosbacher; the Scandinavian Gold Cup at Hanko, Norway.

NORTH AMERICAN FINN—An Olympic-designated competitor, this class is just getting underway in the U. S. with headquarters at Oyster Bay, L. I. Glen Foster won the first championship there.

FLYING DUTCHMAN—Harry Sindle of Lavallette, N. J., took the class title for the third year in a row and sailed a near-perfect series; four firsts, one second.

HAMPTON ONE DESIGN—Winner was Bob Seidel of Annapolis with 3-2-3 record.

HIGHLANDER—O.C. Bailey of Corpus Christi, Tex., showed those Yankees how in boat called *Y'All C'mon*. At Mentor Harbor, O., Bailey won all five races from 27 competitors.

INLAND LAKE SCOW—Class A, Harry Melges, Lake Geneva, Wis.; C, Mrs. Jane Pegel, Chicago; D, Chuck Corgan, Minneapolis; E, Nat Robbins Jr., Lake Minnetonka, Minn.; X, Tom Bauman, Cedar Lake, Wis.

INTERNATIONAL ONE DESIGN—L. I. Sound and Bermuda split the team racing series, each winning in home waters. Emil (Bus) Mosbacher won overall fleet championship on the Sound for eighth straight season.

INTERNATIONAL 14's—Richard Vine of Toronto was the winner when George O'Day, the series leader, withdrew after being protested in final race.

JET 14—Carl Engle of Island Heights, N. J., is the class champion.

LUDERS 16—Jack Vilas of Chicago Y. C. had a great series, finishing 1-3-1-2-1.

NATIONAL ONE DESIGN—John Niland of Milwaukee posted three firsts, two seconds.

ONE TEN—Malcolm MacNaught of Hingham, Mass., successfully defended in *Black Cow III* at Wilmette, Ill., edging Leigh Quinn, Hull, Mass., by 126-125¾.

REBEL—Bruce Goldsmith of Devil's Lake, Mich., took the championship of class that claims to have the largest fiberglass one-design membership.

RHODES BANTAM—J. Eisinger of Toledo is the champion.

RAVEN—Jim Roosevelt of Oyster Bay, L. I., scored his third triumph in class nationals, all won on fresh-water, Midwestern courses.

S CLASS—Held its first national series in 35 years. Winner was John Judge, Larchmont, N. Y.

SIX METERS—North American championship went to *Buzzy III*, sailed by Bill Gooderham. Herman F. Whiton took Seawanhaka Challenge Cup from *Titia* and *Buzzy III*, sailing in newly-built *Goose*. Magnus Konow recaptured One Ton Cup for U. S. at Hanko, Norway, at helm of venerable *Llanoria*.

THISTLE—Jim Henderson of Sandusky, Ohio, placed first in mammoth regatta that had 62 starters.

TWO TEN—F. Gregg Bemis, 56-year-old Cohasset, Mass., skipper, won the class championship for the third time. John Adams of Pleon Y. C., in *Snooky*, took Manhasset Bay Challenge Cup which was contested in *210's* for last time.

WOOD PUSSY—Herb Blake of Shelter Island, N. Y., scored unprecedented fourth straight victory with 2-1-1-1-2 record in class nationals.

Y-FLYER—Pierre Desjardins of Royal St. Lawrence Y. C., Montreal, was the winner.

Off-Shore Yacht Racing

MIAMI-NASSAU—Carleton Mitchell's *Finisterre* beat 32 boats, then retired for remainder of southern season.

LIPTON CUP—*Mogu*, Fred Guggenheimer's 67-foot cutter, surprised here.

NASSAU CUP—It went to Jack Price's swift *Comanche*, second best to *Criollo* on southern circuit in '57.

HAVANA-VARADERO—New race on *SORC* schedule went to J. T. Hayward's *Winifred*.

NEWPORT, CALIF.-ENSENADA—The world's biggest off-shore race saw 233 start 125-mile test. Fleet winner was Hale Field's *Renegade*, a 24-foot gaff-rigged cutter that was smallest boat in the armada.

TRANSPACIFIC—Class A, *Nam Sang*, Louis Statham; B, *Legend*, Chas. Ullman; C, *Nalu III*, Peter Grant; D, *Althura*, Hugh Jacks.

STORM TRYSAIL BLOCK ISLAND—*White Water*, John U. White's slippery 39-foot sloop, won this drifter in Long Island Sound.

ANNAPOLIS-NEWPORT—Class A, *Caper*, H. Irving Pratt; B, *Altair*, Bradford Smith; C, *Harrier*, C. Raymond Hunt.

MARBLEHEAD-HALIFAX — *Galliard*, Newbold Smith's 38-foot cutter, was dark horse victor over 29 others in 365-mile test.

NEW YORK Y. C. CRUISE—Top prize winners were Paul Campbell's *Julie* in class A; Bill Luder's *Storm*, class B: William Ziegler Jr.'s *Bounding Home*, schooner and ketch division, plus *Harrier* in class C. Latter won Cygnet Cup for best performance on 10-day cruise.

VINEYARD RACE—One of the slowest in history went to Paul Hoffman's *Hother*, a 46-foot cutter.

PORT HURON-MACKINAC—Class A, *Dyna;* B, *Revelry*, Norman Sarns; C, *Interlude*, Roland Becker; D, *Happiness*, Karl Ness.

CHICAGO-MACKINAC—Class A, *Dyna;* B, *Whisper IV*, Hollis Baker Jr; C. *Luxen*, R. R. Luxford; D, *Meteor III*, Henry Burkard. Overall—*Meteor III*.

—WILLIAM NOBLE

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New and fresh as the morning breeze. The smooth contours of this handsome model contain the latest improved features desired in a nautical compass: die-cast case heavily chrome plated, twin Alnico V dial magnets, internal Cunife I compensators, jeweled movement, adjustable non-glare hood, soft glow internal illumination.

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Whether your boat is large or small you will find this an ideal compass. Extremely accurate. Jeweled movement, powerful Alnico V magnets for steadier reading, superior aircraft-type compensators. Smart black dial, red underlit for night reading. Easy to install. Excellent for sailboats as "U" type bracket permits mounting either athwartship or in line with keel. Compass may be free swinging or locked with bracket in any position. Black crackle finish. Height 4⅝". **$15.00**

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This typically nautical gimbal-mounted compass will bring a gleam to your navigating eye. Its smart appearance with black dome dial, gray case and anodized aluminum gimbal plus Alnico V magnet and aircraft type compensators has won wide popularity with small boat owners. Height 3½". **$7.50**

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The top of the line of fine Airguide nautical compasses. Ruggedly built and large enough to serve on the largest craft. 4" dome and concave dial card provide widest angle of visibility. Internal rheostat controls brightness for best night reading. Complete gimbal system built right into capsule. Powerful twin Alnico V card magnets. Internally compensated by Cunife I magnets. Jeweled movement. Choice of 2 card styles, No. 91A, 5° divisions (shown here), No. 91B, 5° divisions with half points marked. Base diam. 6¼". **$37.50**

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(*continued from page* 107)

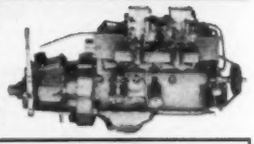
The engine installation that gives the Praetorian her boot is a Cal Connell V-8 Cadillac Crusader overhead valve designed marine engine, displacing 331 c.i., of 3 13/16" bore and 3⅝" stroke and set at a compression ratio of 9:1. At cranking speed, she pulls between 165 and 185 pounds of compression pressure. She is rated at 300 horse at 5200 r.p.m. Her two Rochester down-draft carburetors are four-barreled each—actually eight carburetors in two compact units, each supplying a separate cylinder. The water pump is a dual-pocket type with each cylinder bank of the V-8 engine independently cooled and no connection between the two cylinder banks. Since this is a high output power plant, it uses roller tappets and a special camshaft to achieve a radical valve lift and valve duration without excessive camshaft wear. The drive is direct and a 1" Monel shaft is used.

The hull has no tricks about it, just good honest, high speed semi-Ved bottom design with deep non-trips for stability in the turns.

My personal feeling after the tests were completed was that here is a boat comparable in the marine field to a Jaguar or any of the mid-range priced high performance sports cars. The price tag reflects the high quality of materials and workmanship plus performance in the boat. Just as the sports car aficionado who looks for the ultimate in performance will probably choose a Mercedes 300 SL over a Jag any day, so the true sports speedboating fan with an unlimited budget might pass by the Praetorian in favor of the larger but faster and even more lushly appointed Aquilifer. But there will always be more Jag owners than Mercedes owners if for no other reason than budget, and my bet is that the Praetorian fans are going to tax Ancarrow's one-boat-a-day production facilities right to the hilt during 1958. —HANK W. BOWMAN

STOKES BRAND NEW INBOARD MARINE ENGINES AT SENSATIONAL LOW, LOW PRICES

HUDSON WASP 6



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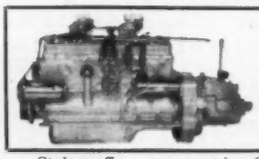

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AID FROM THE AIR

(*continued from page* 73)

occurred in the arctic, where survivors sitting on an iceberg caught the eye of an otherwise unalerted aircraft that was ten miles away and moving fast. They were saved. If you haven't a mirror aboard, use a shiny tin can, or soak some rags in engine oil and light them—a safe distance to leeward of your gas tanks. A very good and economical investment is a set of day-and-night flares. They should be the waterproof, self-striking kind. Carry several—the first rescue plane might be heading away from you.

So far, we've assumed you have no radio, but for the chap who has a set in working order, here are some suggestions. Coast Guard Search and Rescue Coordination Centers are on watch for voice messages on 2182 kc and 121.5 mc. If you just call *Coast Guard* you will alert all Coast Guard stations within range. If you can send code only, transmit on 500kc (CW) or 8364 (CW), in which case transmit NCU. The general, non-specific calls for help are MAYDAY, SOS, and HELP, in approximately that order of panic. Don't forget, you can blink SOS with a searchlight or mirror. It looks like this: (. . . — — — . . .). Even if you cannot transmit, you can tune to most of these frequencies on modern marine radios. Listen when you see an aircraft. The pilot may be trying to reach you.

Among the helicopter rescue gear, we listed stretchers, slings, and baskets. The most important thing to remember about these is that they all carry instructions and pictures. They all will float. The sling is the simplest device. It is a buoyant loop of flexible material which is lowered to you on a steel cable from the helicopter. Read the instructions, look at the picture, then fix the sling across your back and underneath your arms. Hold it like the Coast Guardsman in the photo has done. There is a danger in grabbing the

(*continued on page* 120)

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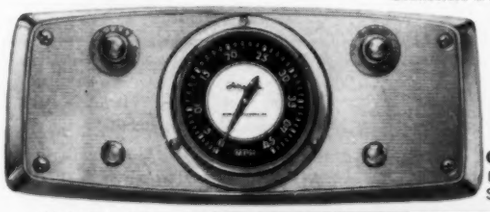

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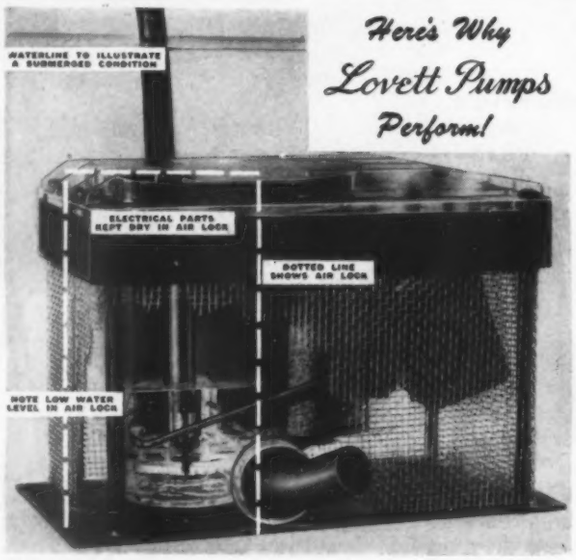

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(*continued from page* 119)

cable, for you can be cut by the wire, or smash your fingers against the winch. When you have been raised to the level of the cabin door, the crewman will assist you inside. Let him do it his way; he has been trained to handle both you and the machinery. Once you have given him the "Thumbs Up" signal, indicating you are ready to be hoisted, you can help out most by relaxing.

The stretcher, of course, is for the survivor who can't assist himself. When you've made the pilot understand you need a stretcher, (see signal for URGENT MEDICAL ASSISTANCE) he will drop a message block with stretcher instructions. You'll notice that instruction number one reads: REMOVE THE CABLE AND ALLOW THE HOOK TO GO FREE. This is a safety precaution, the importance of which cannot be over-emphasized. Tethering the helicopter to your boat by making fast the hook, as for example, snapping it to a lifeline or stanchion, forces the helicopter to hover in a limited area. Although the crewman can cut the wire, he then at once defeats the rescue. A shift of wind, a sudden gust, or even a strong motion of the boat could throw the aircraft out of control by restraining it or snatching it, through the cable. And the helicopter will consume less fuel by flying than by hovering. During one rescue, a panicking boat crew grabbed a stretcher with the cable still attached, and rushed it down into the ship's cabin, leaving the hogtied helicopter pilots to practise new swear words and maneuvers until they were freed.

Be sure to make the patient secure and comfortable, and read him the instructions so that he'll understand what's taking place. Before you secure the stretcher to the cable hook, see whether the bridles on the stretcher are of different lengths, so that the patient's head will be higher than his feet. To simplify attaching these, they may be painted different colors. If this is the case, match the cable of each color with the hook of the same color. Otherwise, check by eye to see that the shorter wire is toward the patient's head.

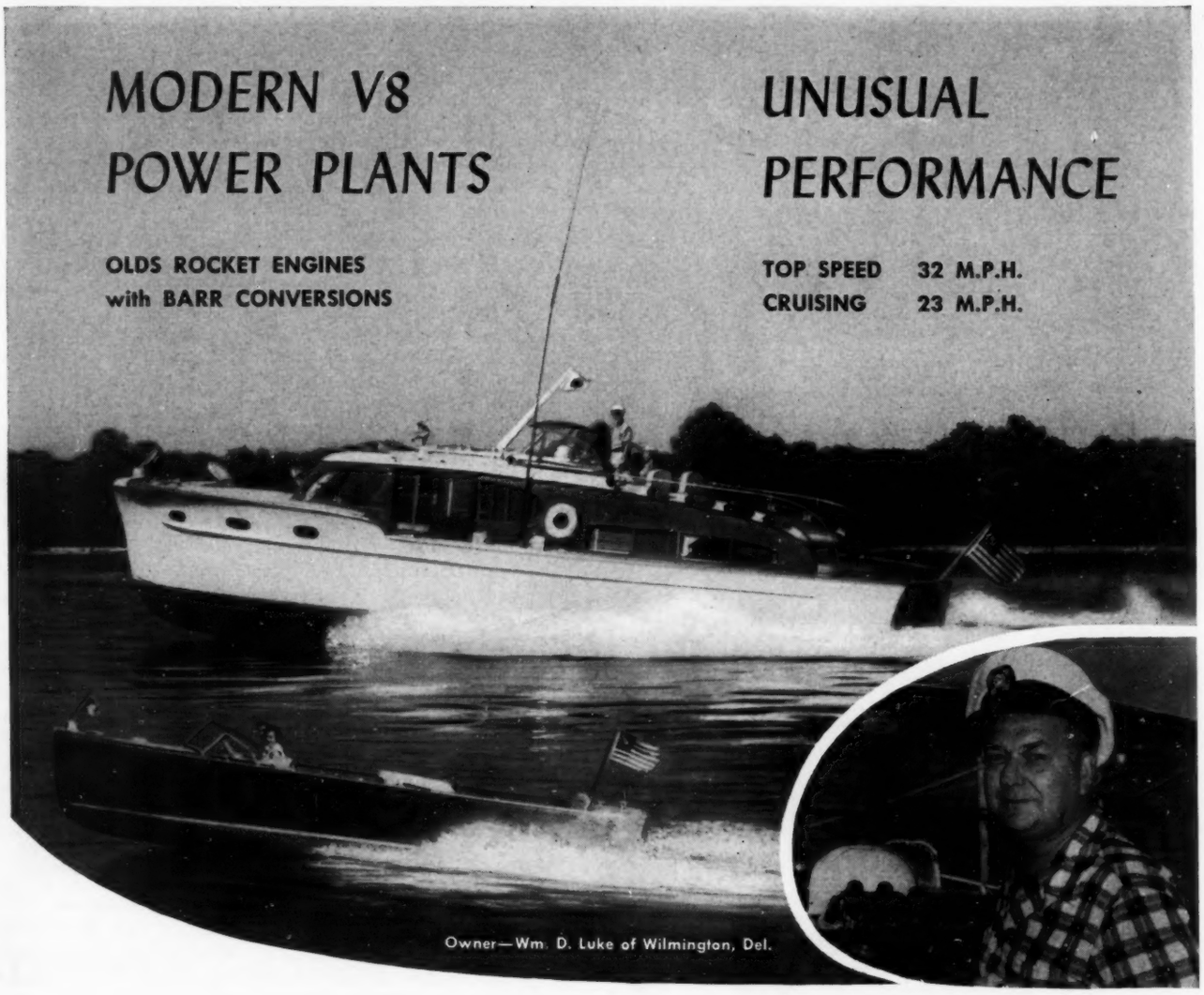
Here are two other things to consider in helicopter pickup, before you give the Thumbs Up signal to hoist. At all costs, try to locate the stretcher, sling, or basket, so that the survivor is in a direct line with the aircraft and will not begin a pendulum-like swing. This can be a real strain on the aircraft, it wastes power, and could even wrap the patient and the cable in the rigging of the boat.

This brings us to the second point: any lines running from mast to deck which can be slacked, ought to be payed off and the bights made secure. The patient could easily become tangled in a halliard, backstay, or topping lift of a sailboat. This might even cause the helicopter to crash. Because of these dangers, when circumstances permit it is good operating practice to set the patient in a small boat or raft, along with a man to attend him, and drift them well aft of the larger boat. This will clear all rigging obstacles, and let the helicopter hover lower and more nearly in line with the pickup. Like all rescue gear, the stretcher will float even with the patient aboard it. Reassure him of this before you start.

The basket is the most commonly used piece of equipment for helicopter hoist. It is a lightweight, roomy metal container with the flotation units set up high, and it is made fast to the cable by the same snap as the other rescue gear. In cases where the survivor is in the water, the basket is lowered until it floats, and the swimmer simply rolls himself aboard. There are bilingual instructions attached, and after the victim has read them and made himself secure, he gives the standard Thumbs Up signal and is hoisted aboard. The crewman will raise him to cabin level, and swing him inside.

A dramatic example of skilful helicopter rescue work took place in the recent Louisiana flood area. Very often, a float equipped helicopter can make a pickup by landing on water or on the ground and simply letting the survivors

(*continued on page* 122)



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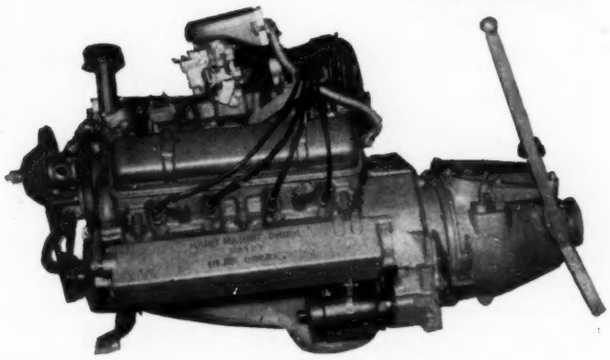

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(*continued from page* 120)

step aboard. During the Louisiana disaster there was an equipment shortage and many of the aircraft available were not able to land on water. In this case, a non-floating helicopter spotted a group of nine persons, all floating prone, half-supported by beds of kelp. The depth of water was such that none could stand. Five of these survivors were children, three were adult men, and one was an enormous woman who had both legs broken. All were too fatigued to be of any assistance. By very careful flying, the pilot was able to hover the helicopter with its wheels actually in the water so that his crewman could reach out from the cabin and literally lift each survivor aboard. Making several trips, all were saved, demonstrating not only the versatility of the helicopter, but the finesse, strength, and teamwork of the helicopter crew.

The pilot may land for a pickup, but choose to keep the blades turning. If he is on a beach or hill that slopes noticeably, remember that the blades are nearer the ground on the uphill side. Size up the situation, and approach from the side with the greatest clearance for your head. Approach in a low crouch. A gust of wind may lower the blades on any side. Because the path of the turning blades is inclined forward, approach a single or tandem rotor helicopter from its side.

Once you're aboard the aircraft and the engine is running, ordinary talking is impossible. If you have something important to communicate, indicate to the crewman that you want a helmet. The helmets contain headphones and lip microphones for intercommunication. You push a switch to talk, holding your lips lightly against the mike. You must release the switch to receive through the headphones. While you're speaking, no one else can talk, so unless you feel that what you have to say is vital, you will only impede rescue by being "on the air."

The greatest hazard of any rescue operation is panic, and this is a particular danger in helicopter rescue. The helicopter is balanced to close tolerances, and the sudden shifting of the center of gravity, which might occur when a person moved quickly or violently in the cabin, could jeopardize the operation. A panicky survivor during one rescue somehow reached into the cockpit and grabbed the pilot. Fortunately, the pilot's safety belt and shoulder harness restrained him in position until he was able to strike the berserk man with his helmet and drive him loose.

Panic may also result in the survivor disregarding instructions for his rescue, and in so doing, injuring himself. A tragic example of this hazard occurred in a boating accident involving a father and son. The son was the first to prepare to hoist. He properly fitted himself into the sling, then improperly took a turn of the lifting cable about his wrist. He signalled Thumbs Up, and began to rise without difficulty. He would have been taken successfully aboard, in spite of the cable wrap, had his father not panicked at the last. Just as the son's feet broke from the water, the father's nerve gave way. He lunged upward, grabbing the boy about the ankles. The sudden extra weight caused the boy to slip, tightening the cable-wrap, and cutting all his fingers from his hand. There had been no change in circumstances, no new event, to prompt the father's move; his loss of self-control was simple panic.

Cool thinking stems from an intelligent appraisal of the situation, and this, in turn, is the result of the survivor's own confidence in his abilities. The way to overcome fear of the water is to learn to understand it, to recognize the weather, the limits of your boat, your strength and your endurance. First, avoid danger. But, if you get in trouble, avoid random, unthinking struggles.

Assuming you're in the water and the helicopter drops a rubber raft, even though you have a life vest on, your first reaction might be to inflate the raft. Just like every other pieces of equipment, the raft carries instructions for its use, and a lanyard so you can attach it to yourself. If

(*continued on page* 124)

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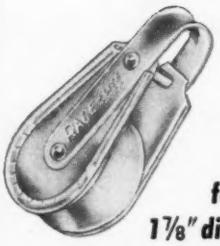

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(*continued from page* 122)

there's any wind at all, when the raft is inflated it will tend to blow to leeward much faster than you can swim. So don't let fear dictate your moves; make the raft fast to yourself. Then read the instructions, unbutton the carrying case so the raft can unfold as it fills, and then inflate it, keeping an eye out for the contents so no gear comes adrift.

Among the valuables aboard are oars, rations, water (or a solar still), mirror, radar reflector, medical supplies, sail, and compass. There's usually some shark repellent and dye marker, too. Don't use these until you think you need them. They last a reasonable but limited time.

Once you get aboard the raft, stay aboard until help comes. There's a package of flares aboard. Don't burn them until you have reason to believe that help is near. Some signs to watch for are: steamer smoke on the horizon, glint of an aircraft in the sky, or the sound of its engine. In daylight, use your mirror to signal anything you actually see. If you filed a "flight plan" with someone at home and get into trouble in the area where you said you'd be cruising, you're actually in pretty good shape. Remember to stay near the big boat as long as you can safely do so; it's far more visible from the air than you on the raft, and the pilot is following a search pattern based on your drift with surface currents. Unless you've devised a sea anchor to hold it, that raft will be blowing down wind at a rapid rate. Think it out. You have a compass on the raft. If you're an American in the Atlantic Ocean, there's no sense resisting a wind from the east. In the Pacific, a wind from the west's a useful thing. When it blows the other way, lower your sea anchor or your oars lashed crossways, your bunched up blankets, or your hat—anything that will help to stop the drift. If you're inside a hundred mile radius, that big yellow chopper will look like Saint Christopher, himself. And, finally: if he looks at you, but turns away, don't lose hope. Your visibility is three miles, or less. He might see a steamer, just beyond your horizon with deck-chairs and stewards, ready to come to your rescue.

—ROBERT T. SHEKTER

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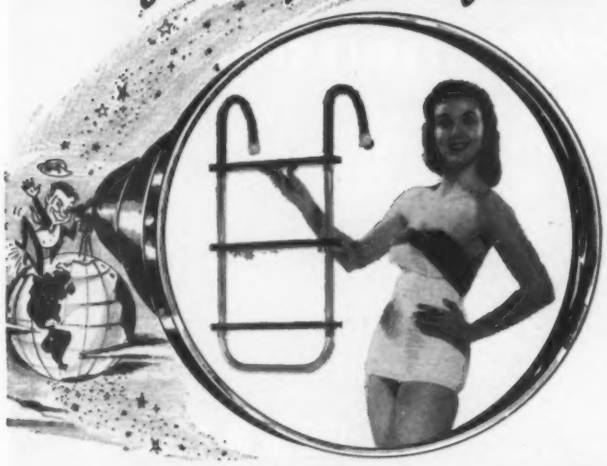

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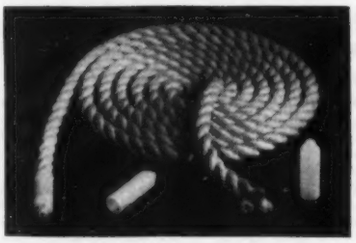

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GARRY MOORE

(*continued from page* 79)

grew up as T. Garrison Morfit in Baltimore, Maryland, but in the summertime as a youngster he frequented Ocean City, Md., on the Chesapeake Bay whenever he could afford it.

"I'd save some money, hire a small sailboat—on the order of a Lightning—and go out for as long as two weeks at a time," Garry remembered. "I'd leave myself just enough money for food and would sleep in the open boat."

When Garry was 18 he worked for a while hauling tomatoes on a 75-foot Bugeye ketch. "Maybe you better say we were hauling apples; somebody's liable to get the wrong idea," he said. "We used to sail this ketch up and down the Chesapeake. No power at all, just sail. Quite an experience when you sail a 75-footer right up to the dock."

Garry was to miss those memorable days in the more than 25 years that he subsequently spent in Chicago and Los Angeles before television brought him back East in 1951. In the mid- and far-West he occasionally crewed or rented a sailboat, but it wasn't until he and his family moved to the Westchester community of Rye, New York, ideal for sailing on Long Island Sound, that Garry became a boat owner.

He bought a Rhodes 18 and to commemorate the occasion Garry's friend, comedian Herb Shriner, who owned a 35-foot cutter, gave him a copy of Chapman's "Piloting, Seamanship and Small Boat Handling," the boatman's bible. After the Rhodes 18 came a Stout Fella, then a 35-foot yawl (his first cruising craft), and two years ago Garry bought *Red Wing*.

She has fulfilled his every sailing need. During the week, on those few occasions when he's able to come home early, Garry is similar to the golfer who sneaks in a fast nine holes before dark. He enjoys sailing *Red Wing* single-handed, frequently by the light of the moon.

"I'll leave at around 10 o'clock at night on these moonlight sails," Garry said, "and I'll sail until I get tired. Then I anchor in a cove somewhere, go to sleep, and in the morning cook breakfast and head home."

Red Wing is a perfect vacation craft and the Moores have combed the coast between Rye and Nantucket. His crew, all able hands, are Garry's wife, Nell, and sons Mason, 17, and Garry Jr., 14. "In the beginning my wife used to say she was having fun, though I had my doubts," Garry confessed, "but now she really enjoys it. She can cook a hot meal in a storm, too."

Garry Jr., a member of the Junior American Yacht Club, prefers sailing his own *Blue Jay* to tending sheets for dad, Garry said. "I don't blame him either. Every sailor likes to handle his own tiller."

When time becomes available, and Garry has every intention of making it so, he expects to take *Red Wing* up the coast of Maine. This winter he chartered a boat in the Virgin Islands, and on his future schedule is a sailing vacation in the Bahamas.

Occasionally Garry races in the handicap division of the Yacht Racing Assn. regattas on Long Island Sound. Whether he races or not, however, he can often be found following the regattas. He likes to help small racing craft in need of air—that is, after or before the race.

On one flat day just before the start of a regatta Garry turned on his auxiliary engine and took a becalmed and tardy One Ten in tow. Recalled Garry: "The skipper was determined to race and I did such a good job of towing I nearly helped him over the starting line. Another foot and that poor fellow would have been disqualified."

Garry believes in a common-sense approach to the use of power on a sailboat: "If it's a hot day and there's no wind, I'm not going to sit and slide all day in the heat. So I turn on the auxiliary."

One of his favorite annual activities is the American

(*continued on page* 126)

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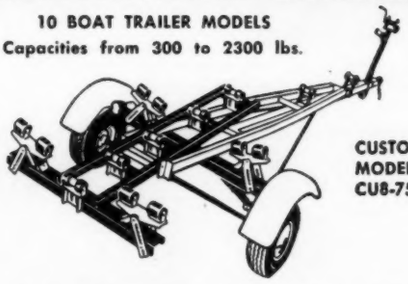

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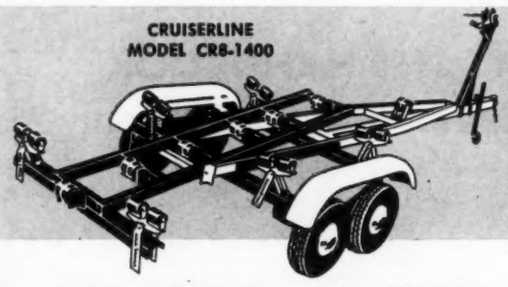

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(*continued from page* 125)

Yacht Club's five-day cruise. Two years ago Garry skippered *Red Wing* to seventh place in his class and last summer he promised to do better, and did: a fifth.

His regular first mate is Bill Demling, his chief writer, whom Garry taught to sail. Garry also interested his orchestra leader, Howard Smith, in things nautical. So much so that Howard went out and bought a power boat, a mortal blow to Garry, who is primarily a sail man.

Writer Demling has infinite respect for Garry as a sailor. "He doesn't believe it himself, but Garry's a very good skipper in a race," Demling said. "At the start of last year's cruise he passed a boat to leeward by sheer outmaneuvering. He called the setting of sails perfectly. But then this is not unusual for Garry. He always knows what he's doing. And he doesn't get upset when things begin to happen."

Garry can sail Red Wing easily single-handed.

Demling has been with Garry through most of *Red Wing's* adventures. These would certainly include the annual whing-ding for his writers, and the separate one-day cruise that Garry has for the girls in the office.

On one such maritime outing (Ladies' Day), Demling recalled how the weather suddenly changed as *Red Wing* was heading into Oyster Bay.

"We were near a high bluff of land and unable to see the weather," Demling said. "The wind blew from 10 to 70 knots. With the boat heeling, there were girls all over the place, hanging on. Meantime I was trying to let the mainsheet go and then the jib blew out, with the fitting. We were just off the Seawanhaka Yacht Club in a narrow channel and we couldn't head into the wind, so we had to take it broadside. The girls had quite a day, and so did we."

Another time (without the girls), Garry and Demling had one of their rougher experiences. Near Clinton, Conn., the jib halyard parted and they were forced to beat into the heavy sea with mainsail alone.

Garry does not have a list of how-we-were-nearly-shipwrecked tales. "A good boat," he thoughtfully explained, "can usually take you through anything. People break before a boat does. Naturally I've made mistakes in sailing. To me, many of the close calls that skippers relate amount to their bragging about what idiots they are."

The skipper of *Red Wing* is one of sailing's most ardent supporters. He frequently talks it up on television. "I go into the human side of boating," he said. "I don't talk on technical things because I feel that one man's hobby is another man's yawn. I prefer to tell about the people we meet and the places we go to."

He receives a big response to his boating comments. Viewers want to know about places to sail; many tell him they've been to the same harbors visited by Garry, and invariably those fans who live on the water invite Garry to visit them the next time he and *Red Wing* are in the neighborhood.

"If Garry were to accept just a small percentage of his drop-anchor invitations, he'd have to take a three-year

(*continued on page* 128)

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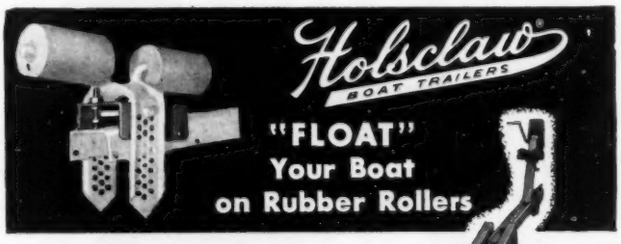

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(*continued from page* 126)

leave of absence of from television," declares Charles McCauley, his public relations counsel.

Another of Garry's favorite video subjects, particularly of late, has to do with safety on the water. "The wild upsurge in boating has meant an enormous number of accidents," Garry said. "I feel every precaution should be taken to make boating as safe as possible."

When he is out on the boat by himself Garry is never without protection. "Even on the mildest day I use a Safe-T-Pak preserver," he said. "When others are aboard and it gets rough I'm not loath to ordering everyone to don life jackets. On the subject of life jackets, I might add that I'm for legislation making it mandatory for every passenger to have one available on board rented boats."

On Long Island Sound, and everywhere else he cruises, there are those who recognize Garry and he usually responds with a friendly wave of hand and often a compliment to a passing skipper on his boat.

When *Red Wing* was on last summer's American Yacht Club cruise, the newspapers carried an itinerary and entry list. As a result, in some ports there were clusters of Garry Moore followers gathered on shore in the hope of seeing him. When *Red Wing* ran low on provisions off Dutch Harbor in Narragansett Bay, spectators were delighted to catch sight of Garry coming ashore in a dinghy.

On the same cruise, when *Red Wing* was headed for Jamestown, there were two fishermen in an outboard skiff who were on the cruise course. They came within perhaps 30 feet of *Red Wing* and were looking directly at Garry. One of the anglers called out to him: "I hear Garry Moore is somewhere in this race. Any of you guys know which is his boat?"

This lack of recognition, rare indeed, didn't disturb Garry. It never does. For, as he put it so eloquently, "The measure of the man in sailing is not in who he is, but in whether he can sail."

—ZANDER HOLLANDER

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CHETEK BOATS

ADRIFT

(*continued from page* 87)

Marty's face relaxed in sleep. I kept the beam on his face and called softly. He grunted and turned over.

"Hey, Marty! Get up and check the engine temperature!"

Grumbling sleepily, Marty crawled out of his bunk and stumbled to the instrument panel under the bridge deck. His head disappeared as he stooped to read the gauge. I waited.

"Well?" I called out, impatiently. "Is the engine hot?"

No reply; I waited a full minute. "Marty!"

No answer. I went below to find out what he was doing.

If I live to be a hundred I'll never forget the sight that met my horrified eyes. His head wedged in the four-inch space between the ladder and the stove-shelf, Marty swung by his neck. His knees were buckled, his feet dragging limply as the ship rolled in the swell. His eyes were open, rolled back so that only the whites were visible. I let out a terrified scream.

"Hey Herman! Help me get Marty into a bunk! I think he's broken his neck!"

Herman did not answer. I shook him violently but he did not open his eyes.

I put my arms beneath Marty's and lifted him so that his head came out of the slot and flopped limply on his shoulder. I dragged him to the ladder but I could not get him up alone. I yelled to Fred.

"For God's sake, help me! I'm afraid Marty and Herman are both dead!"

Fred came through the companionway in one bound. His sleeve brushed against the ignition switch as he came through and the engine's rhythmic throbbing abruptly ceased. Suddenly I knew!

"It's carbon monoxide!" I gasped. "We've got to get them out!"

(*continued on page* 130)

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(*continued from page* 129)

Pushing, pulling, hauling, tugging, we managed to get Marty's limp body up the ladder and over the threshold and dumped him like a sack of meal on the bridge deck. Then we went after Herman.

Fred took him by the feet, I took him under the arms, and we lifted him clear of the bunk. Then Fred dropped his burden, stood swaying for an instant and toppled over. My own strength was ebbing and Herman's body slipped from my grasp and settled gently on the bunk. One arm dropped over the side and swung with the motion of the ship. I staggered to the ladder, my senses reeling. My foot was on the first step when the blackness descended and my last conscious impression faded.

I was fighting my way to the surface of an incredibly deep sea of utter blackness, and as the blackness receded into gray my senses slowly returned. Consciousness returned with a rush and I found myself standing on the ladder, my head in the open air. My jacket was snagged on the head of a loose screw projecting from the threshold, and by preventing me from slipping back into that lethal gas chamber, had saved my life.

Releasing my jacket, I crawled out on the bridge deck. Marty lay there, perhaps dead, but I did not stop to examine him. I made my way forward along the deck to the escape hatch over the forepeak. I prayed that it would not be locked from the inside as I stooped and grasped the hatch cover in both hands. I tugged, but it did not move. I heaved again and felt it move a crack. Summoning all my strength, I heaved mightily and the hinged top rose and fell back against the mainmast as I sat heavily on the deck. When I could get up, I went aft and hoisted the mizzen. A faint breeze was blowing, enough to fill the sail and swing *Little Bit* head-on to the wind, forcing the life-giving air to the cabin below.

I turned Marty face down and straddled him, giving him artificial respiration until he breathed naturally again.

Down in the cabin again, I found Fred sitting up, blinking in the glare of my flashlight.

"What happened?" he asked, bewildered.

"We damn near got killed, that's what happened. We've got to get Herman out of here. Can you stand?"

He got painfully to his feet and stood swaying, holding onto a bulkhead to keep his balance.

"Stick your head outside and breathe deeply," I told him. "But hurry! It may be too late now!"

He went up two steps of the ladder and stood with his head in the open air, gulping deep breaths of the fresh air. "I'm all right now," he said, coming back down into the cabin again.

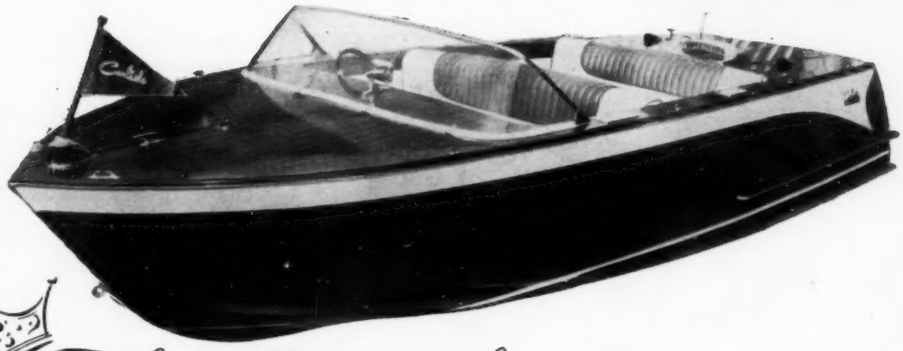
Ever try to get an unconscious man up a ladder just wide enough for one man to stand on? Believe me, it's quite a chore. By the time we had Herman on deck we were both exhausted. We worked in relay over him, giving him artificial respiration. Marty was the first to regain consciousness, but Herman came around shortly after.

By morning Marty had completely recovered, seeming to suffer no ill effects other than a very stiff neck and a ravenous appetite. But Herman, who had been exposed to the fumes longer than any of us, was a very sick man. Marty went below and made breakfast for us all, then examined the exhaust line. He found a crack at a fitting where the pipe threads had been cut too deeply. He plugged the leak with a sheet of asbestos and the tin from a milk can, and while it leaked enough to keep us out of the cabin, we were able to run the engine until we got to Monterey. There we all went to the hospital for treatment, and the next day had the exhaust line completely overhauled.

The moral: *Be sure your exhaust system does not leak!* Contrary to popular belief, carbon monoxide is a colorless, *odorless* gas. You can't see it, you can't smell it. There is a sudden loss of consciousness, with no warning—and if no one is around to help you, brother, you've had it! The

(*continued on page* 132)

17' AQUA-KING
Deluxe sports, cruising inboard. 6'6" beam. Rich natural mahogany hull, sweeping white band at top. Matching two-tone upholstered seats. Wheel, gold and white. Carries 6 easily. 57" aft deck. Ample stowage. Three-unit instrument panel, dash deck. Complete with accessories, including battery.



17' AQUA-QUEEN
Deluxe sports, cruising inboard. 6'6" beam. Dramatic green and white two-tone hull, matching upholstered seats. Wheel, green. Carries 6 easily. 57" aft deck. Ample stowage. Three-unit instrument panel, dash deck. Complete with accessories, including battery.

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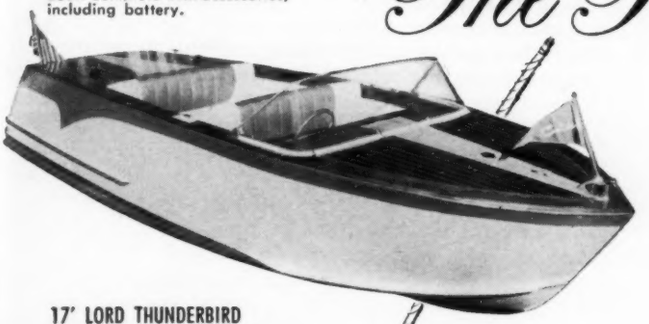

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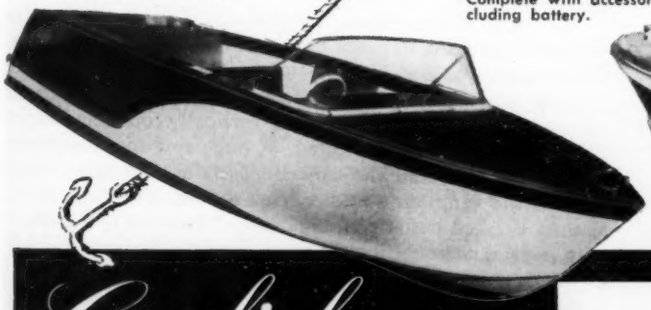

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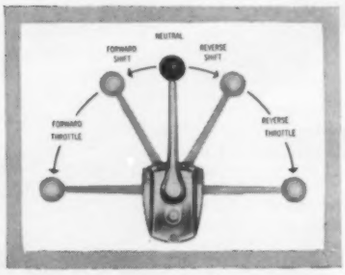

THE MORSE INSTRUMENT COMPANY
39 Clinton St., Hudson, Ohio

(*continued from page* 130)

acrid smell of your car exhaust is not carbon monoxide, but various petroleum fractions produced by combustion. In a marine engine, the jacket cooling water is usually ejected into the exhaust pipe where the steam and hot water absorb these pungent products of combustion, but not the carbon monoxide, and no odor warns you of the build-up of deadly gas.

Carbon monoxide kills because it combines with the hemoglobin of the blood, thus making it impossible for the hemoglobin to combine with oxygen, a necessary life process. Carbon monoxide has an affinity for hemoglobin *300 times that of oxygen*. The degree of poisoning depends upon the concentration of the gas and the length of exposure. If the percentage of carbon monoxide in the blood rises to between 70% and 80%, death occurs.

The treatment for acute carbon monoxide poisoning is *immediate* artificial respiration and, if possible, the inhalation of a mixture of 93% oxygen and 7% carbon dioxide. The carbon dioxide is a respiratory stimulant and the pure oxygen hastens the release of carbon monoxide from the blood. Even after recovery, delayed secondary complications, such as paralysis and cerebral hemorrhage may occur.

The ideal exhaust system would be a straight, short pipe with no bends, no fittings. However, it is seldom that the ideal exhaust system can be fitted in the average boat. What ever the configuration, it should be no longer than necessary and should be all one piece of pipe. Where bends are required they should be bent in the pipe itself, and should not be pipe fittings such as T's, L's, and the like. Pipe fittings require threads cut in the pipe walls, weakening them and making it possible for them to break under vibration and strain.

Bending pipe calls for a shop-job of pipe fitting and consequent expense, but then, you can't take it with you. But if your exhaust pipe leaks inside your boat you are very likely to go anyway, leaving it all behind!

Whatever the length of pipe, it should not be allowed to hang from the manifold bolts, but should be supported every 18 inches by pipe hangers. Not only will this prevent cracking the manifold flange, but will also facilitate the removal and re-installation of the exhaust pipe when engine repairs are necessary.

The exhaust pipe should never run under a bunk, nor through any enclosed space where it cannot be inspected regularly. Some years ago a man was found dead on his boat on the Ohio River, near Cairo, Illinois. The coroner called it heart failure. A young chap with whom I was slightly acquainted was the next owner of the boat and lived aboard. One cold winter day he closed up the boat and ran the engine to warm up the inside. After the funeral, an examination revealed that the long exhaust pipe from the engine amidships to the stern transom ran under a bunk. Trapped cooling water and the corrosive gases had rusted out the under side of the pipe.

My own 50-foot schooner, *Rainbow*, once caught fire while traveling the Panama Canal from Cristobal to Balboa. The engine was considerably below the waterline and the exhaust pipe ran back four feet under the engine room sole, turned a right angle and rose vertically four feet before cooling water could be injected. A huge amount of supplies taken on at Cristobal and stowed hastily in the engine room shut off the ventilation and pressed the wooden floor down against the red-hot metal. Luckily, I had a CO-2 system with nozzles surrounding the engine and the fire was quickly extinguished.

All of which points up the fact that the marine engine exhaust system is much more dangerous than is generally believed. Many people have lost their lives from asphyxiation or fire.

Because the loose screw caught my jacket and kept me from falling back into the cabin, the story didn't end as a complete tragedy. *But it could have happened, and it could happen to you!*

—LOU HEINER

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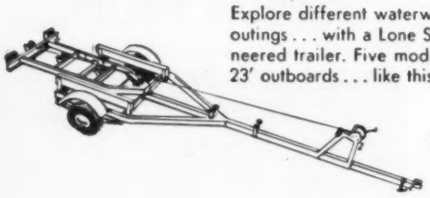

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PICCOLO

(*continued from page* 90)

need a gross of nuts, and you must make sufficient clamps to locate one about every eight inches along each seam of the hull.

Bend these clamps to the angle the section will make at each location. You can take this off the lofting. Then, drill through the fiberglass sheet, matching the holes with those in your clamps. Countersink the holes from the *inside* of the boat. Counterbore to the full depth of the screw head, so that it will seat flush with the inside surface of the boat. These screw heads will be left in the boat, permanently.

Now, before assembling the boat, scribe a line about four inches wide around the seam edge of every part of the boat, and *sand this area thoroughly to remove mold wax, dirt, and to rough up the surface of the material.* This, as in the Porpoise Class, is the most important operation of the entire project. If the surfaces are thoroughly sanded and kept clean, the boat will be strong and successful. If not, she will surely fail. Do not even allow a fingerprint to touch these surfaces, for it will leave enough skin oil to ruin the bond. Wear clean cotton gloves for this final half of the operation.

When you are absolutely certain that the surfaces are clean and rough, clamp the boat together, starting with the halves of the bottom, then adding the stem and stern, and, finally, the sides. Turn the boat rightside up and support it so that it rests level, with no twist in the hull.

Now, wearing rubber gloves, wash the inside well with acetone or toluene. While the cleaner is drying, mix your epoxy resin, about one pint each time, exactly following the manufacturer's directions. Add a touch of titanium white pigment (or other color of your choice, being certain it is a pigment approved by the resin manufacturer). The purpose of the color is to show up any pin holes in your work, which might let water enter.

Brush the resin generously on the sanded area you plan to tape first. It's a good idea to do the center seam in the bottom before any others, for you can reach it without danger of disturbing the side tapes, now. Lay your six inch tape in the resin at once, smoothing out any wrinkles and air bubbles as you go. Carry the ends of the tape an inch or so up the transom and the stem.

When it is all smooth, paint right over it with resin and immediately apply a four inch tape. Smooth the four inch tape, and paint over it again with resin. The four inch tape, like the six inch one, should carry a little way up the transom and the bow. Now, before you mix more resin, clean your

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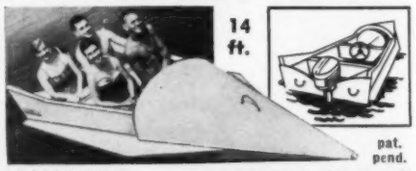

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brush in acetone or toluene. (Brushes not cleaned before the resin "kicks over" you may as well sharpen into chisels, or use as stone cutters' hammers.) When the entire inside seam area has been taped, allow the resin to cure completely before the next step. Overnight is generally sufficient time.

Having left *Piccolo* to cure, you can now "paste up" the dagger board trunk, and cut out the styrofoam for under-seat installation. Since the daggerboard will be made from 3/16-inch flat sheet, you will require ¼-inch spacers for the headledges of the trunk. You can use doubled scraps of ⅛-inch stock for this, bonding the thoroughly sanded pieces with epoxy. You can alternately make your rudder and daggerboard by bonding two pieces of the ⅛ inch fiberglass together with epoxy. In this case three ⅛ inch spacers will be necessary to give the trunk ⅜ inch clearance. Styrofoam is available from lumber yards and insulation companies for about 15¢ per board foot.

When the inside resin has cured, turn *Piccolo* upside down, level her, and remove the clamps by tightening the machine screw nuts until they shear the screws off cleanly. Now sand or file the bolt ends smooth, and clean the sanded outside taping areas, just as you did inside.

Flow enough resin in your first coat to fill any voids remaining in the seams, and tape, starting with the six-inch width. When the boat is cured, turn her back rightside-up and, measuring from inside, cut the daggerboard trunk slot by drilling a hole at either end (use a one-quarter inch bit) and dagger sawing a slot between them. You can elongate the holes by rocking the drill fore and aft, to get clearance for your blade.

Mark the seat locations next, and sand these areas. Then paste the styrofoam blocks down with epoxy, and at once cover them with fiberglass tape or fabric, making at least a one-inch flange with your material upon the sides and bottom of the hull, and transom. Bond in the daggerboard trunk using tape to anchor it all around. You may find it easier to hold it if you clamp a scrap of wood against either side until the resin sets.

Locate and tape down the mast step and forestay spar socket. This sort of forestay is a common European device for eliminating backstays and jibstay. We have used it in *Piccolo* to simplify the rig and to reduce overall cost. It also makes it simple for you to lift the rig from the boat, with nothing to unfasten. In order to omit the 1/16-inch wire shrouds indicated on the plan, the 2-inch diameter 12-foot 6-inch polyvinylchloride plastic tubing forestay spar can be filled with one of the foaming plastics for considerably added strength.

(*continued on next page*)

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(*continued from page* 135)

Drill a small drain hole in the forestay step and mast step. Locate the hole along the centerline of the boat, not athwartships. Use six-inch tape to secure these steps, first sanding the polyvinylchloride plastic tubing to make a perfect bond. Apply three thicknesses of tape, using care to eliminate wrinkles. Remember this is the only thing holding up the rig, and it must be carefully installed.

The simplest rudder hinge is made of small bore polyvinylchloride pipe, having a ¼-inch inside diameter, and taped onto rudder and transom. A ¼-inch brass rod forms the pin.

The mahogany gunwales should be lightly clamped to the sheer and fitted; then holes are bored from either side alternately through the one piece of wood, through the fiberglass, and halfway through the opposite gunwale. Now remove the gunwales, paint their contact surfaces with epoxy, and replace them, fastening them with Anchorfast bronze nails from both sides. You may cover them with tape and clear resin.

For additional decoration, you may fit mahogany plywood seats over the glass covered styrofoam ones. These may be ¼-inch thick, simply pasted down in epoxy resin. Thinner material will be too easily damaged.

The skeg is cut from styrofoam, covered with epoxy resin and tape, and taped in place.

Allow *Piccolo* to post cure at least 72 hours before launching.

Plywood Construction

Building *Piccolo* of plywood will require the set-up of forms. After lofting the boat full size, measure in ¼-inch from the bottom and each side, to get the proper dimensions for each form. This ¼-inch inset is the same as the thickness of the plywood, and as the boat is drawn to her finished, outside measurements, we must subtract this amount before we plank her. Now, you'll notice numbers along the baseline, starting with zero at the point along the sheer where the bow curves in to meet the sides. We require frames at stations marked 1, 2, and 3. Build these of 1x2″ clear fir, following the general assembling manner in the drawing of plywood construction. The gussests, or knees, are of ¼-inch marine grade fir plywood, and they, like every joint in the plywood boat, are set in either Weldwood Waterproof Glue (note: this is an entirely different grade from ordinary Weldwood Glue, which is not suitable) or Elmer's Glue. Drive several ¾-inch bronze Anchorfast nails to hold the joints until the glue is dry. When the frames have set up (about 24 hours) notch for the chines, which will be 1x2″ clear fir. Notice that we haven't notched for a keel. The boat is

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designed to have ample strength with no keel, and it gets this strength following the same principles as the flat sheet fiberglass boat. Now form the stem and transom. These will be ¼-inch plywood bent around framing of 1x2 inch clear fir, all set in glue and clamped with Anchorfast nails. While the stem and transom are drying, erect the frames in an upside-down position, at a comfortable working height from the floor. Line them accurately, and fasten them very securely, for we will build most of the boat in this upside-down position, taking advantage of gravity which is already with us, anyhow. You'll find this a great improvement over the usual boatbuilding practise of lying on the ground, hammering upward.

Notch the stem and transom to receive the chines, and erect them in their places along the form skeleton. We now have a bow, three sets of frames, or ribs, and a transom, each standing by itself, securely anchored to the workshop floor. Now check these forms for fairness, by holding the batten you used for lofting the lines across the forms at several points of the bottom and the sides. When you're satisfied the boat's correctly lined, glue in the chines, this time securing them with clamps instead of nails. Allow the chines a full twenty four hours to cure before you take away the clamps.

Now put on the sides. The easiest way to handle this will be first install the inner gunwale on each side, and use it to mark the sheerline on the plywood sheets. Cut the sheer before you fasten the sides to the frames, then lightly tack the side at several points and scribe a pencil line along it from the chine. The sides may now be cut to their right dimensions, put back into position, and glued and Anchorfast nailed in place. Follow the same procedure with the bottom, but be sure to first plane the chines to a fair bevel with the frames and topsides. The bottom will be most easily built if you make it in two halves, port and starboard, carefully fitting these halves along the centerline. However, it is possible to bend this plywood without halving it, if you first secure the center of the bottom, then little by little work diagonally outboard to each corner of the boat. Recommended procedure is to cover the chines and all outside joints with six inch fiberglass tape set in epoxy resin. The way to prepare the wood for this is to first round off the edges as generously as possible, then, with the roughest, open-coat floor sanding paper you can obtain, score up the areas to be taped, making no attempt to smooth them. When the wood is thoroughly dry (and the weather is, too), apply epoxy resin and tape as described in the directions for the flat sheet fiberglass construction.

(*continued on next page*)

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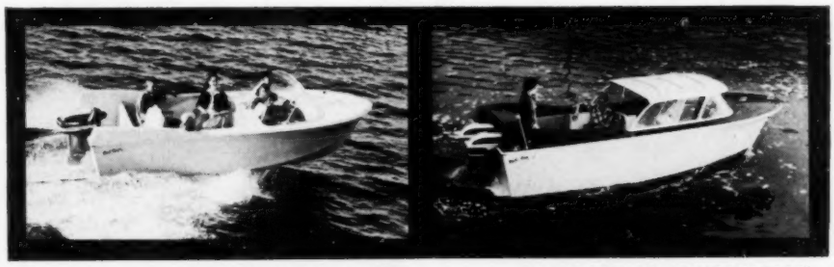

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(*continued from page* 137)

One layer of tape will be right for the chine and end seams, but if you have used a two-half bottom, lay tape inside and out, first a six inch width, then a four inch one, exactly as in the fiberglass sheet boat.

The daggerboard trunk, of ¼ inch plywood, should have a three-quarter inch opening, and the easiest way to do this is with three thicknesses of ¼ inch plywood for each spacer. Make the daggerboard and rudder of half inch stock or doubled ¼ inch plywood. It would be advisable to tape all edges of board, rudder, and trunk. The skeg in this construction can be a piece of 1x4 fir, spruce, or pine. Fiberglass tape or half-oval brass strip can be used to protect it. At last, you can attach the outer rub rail, seating it in glue.

Secure the seats in the plywood boat by first gluing clamps of 1 x 1 inch wood along the lines of the seat interiors. This same construction is used for the daggerboard trunk, but 1 x 2 inch material is needed here. Styrofoam is used in the same manner as in the glass boat, and the seat edges may be taped with epoxy resin and 4 inch tape. Make the mast step of three or four thicknesses of scrap plywood. The seat will serve as the partners. The socket for the spar forestay can be either copper tubing with about ⅛ inch walls, or built of scrap plywood. Don't forget to leave generous limberholes in the frames and the maststeps. Rot is caused by just one thing . . . dampness of fresh water.

The spar is most easily made from spruce. Two 16-foot pieces, glued together as shown in the drawing, can be first routed out to take the luff of the sail. An alternative to routing is to make a series of cuts on a table saw which will leave a square area capable of receiving the luff rope of the sail. These grooved spar suggestions are alternatives to using track, which costs about 80 cents per foot in the smallest size, and requires sail slides for about each 18 inch of luff at approximately 20 cents each. The 12-foot, 6-inch spar forestay and 6 foot boom should be grooved, also. The mainsail has 36 square feet of area; jib: 18.

Mahogany is recommended for the tiller. A piece of clean 1 x 3 inch Philippine will give you plenty of stock to receive the rudder head, and is easily trimmed down to comfortable handsize. Before painting or varnishing plywood, a sealer is required to prevent moisture from delaminating the outer surface. The best and most economical sealer we have found is Val-Oil, a product of Smith-Valspar. You can paint or varnish over this, but it makes an excellent finish by itself, looking much like a waxed-wood surface if smoothly applied.

—John Roberts

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HERE'S HOW

(*continued from page* 14)

sulation inside the box, a metal lining inside the insulation, some means of access to the interior and some means of getting rid of the water that collects when the ice melts. Let's take these up one by one.

Either ordinary wood or plywood can be used to construct the box. Its transverse and longitudinal dimensions should be a little less than those of the space it will occupy. This is desirable because there will then be air spaces between the chest and the sides and transom of the boat. These spaces prevent condensation—which promotes dry rot—from forming on the hull.

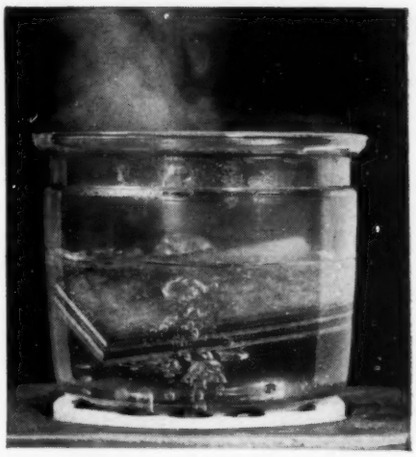
For insulation, you can use cork, fiberglass matting or insulation board. The latter is especially popular because it is easy to work. Line the box completely with a layer of the insulation board, build a framework of light battens inside this layer and then add another layer of insulation board. This forms a dead-air space that has as much to do with insulation as does any other factor. To provide stiffness inside the box, thus preventing or at least minimizing dents, add a final layer of light plywood.

For the metal lining, use galvanized iron, preferably of the copper-bearing type. This must be carefully riveted and soldered together and thoroughly tested to make sure it is absolutely watertight. It is a good idea to form a lip or dam in the bottom of this lining, making two shallow compartments, one for ice, the other for food. This lip prevents ice from shifting and water from soaking into the food.

Access to the interior can be either through doors on the face of the chest or through a lift-out or hinged hatch on the top. The latter is preferable because it is easier to get at and because the chest's contents can't spill out when the chest is opened in a seaway.

Finally, the ice compartment must be drained. This drain should *not* lead to the bilge. The ice itself may contain animal and vegetable matter, and certainly the stuff kept on the ice is largely composed of animal and vegetable matter. If allowed to drain into the bilge, the waste water will turn slimy, will become smelly, will attract vermin and will induce dry rot.

If the chest is small enough, it can be made portable. This simplifies the drainage problem since the water can be dumped directly overboard. If the chest is high enough above the cockpit decking to allow use of a drain pan, a simple cock can be fitted near the bottom. Alternately, perhaps a small portable bilge pump could be employed to siphon out the water. Or perhaps, as in the case of a self-draining cockpit, the chest will be high enough above the boat's water line so the waste can be piped directly overboard.—



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COAST GUARD AUXILIARY

(*continued from page* 85)

printer, owner of a chemical company and a hearing-aid audiologist, all of whom gave up a part of their vacations to participate.

A flotilla at Grand Rapids, Mich., includes a fireman, a railroad freight clerk, a shoe repairman, a postal worker and so on. This pattern is nation wide, with flotillas in nearly 400 communities, so that 20th century America can rightfully be called a nation of small-boat seafarers to compare with the ancient Phoenicians, the British or the Dutch.

The Grand Rapids flotilla also enlists a lady, by occupation a nurse in a hospital. On this matter the Auxiliary differs from an organization similar in purposes and practices, the United States Power Squadrons. The U.S.P.S. does not offer the full benefits of membership to women while the Auxiliary does.

A typical distaff member might be Mrs. Barbara Corbett of Massapequa, Long Island. Mrs. Corbett joined the Auxiliary last year along with six other ladies, most of them wives of members. "We're serious, we study hard and nobody kids us around," says Mrs. Corbett. "There is a definite place for women in the Auxiliary."

Any citizen of the United States, male or female, over the age of 17 can belong to the Auxiliary although mere desire does not assure one of a membership certificate.

Here is the procedure of joining in the case of, let's say, Mr. John Doe from Anyport, U.S.A. Most likely Mr. Doe knew someone in the Auxiliary who persuaded him to try for membership, or he may have become exposed to the organization when he submitted his boat to a Courtesy Motorboat Examination.

John makes out an application which, if it is accepted as is most likely, entitles him to a provisional membership in a local flotilla for one year. Within that year he must demonstrate to the satisfaction of his fellow members proficiency in several aspects of boating and pass a very comprehensive examination that tests his knowledge on everything nautical from first aid to starting a cranky engine. Through the year he learns from fellow-members and also in the Public Instruction Course taught by Auxiliarists from nearby flotillas. This course, a program of nine weekly lessons on fundamentals, is becoming more and more important to boatmen everywhere. Its popularity has been phenomenal, for in 1955 there were 8,426 who took the course, in 1956 a fantastic jump to 27,469.

Should John Doe pass the examination, he becomes a full fledged member of the flotilla and is entitled to wear the Auxiliary uniform, blue in winter, khaki in summer. If Mr. Doe owns a boat so much the better.

Every Auxiliarist technically is supposed to own at least one-quarter interest in a boat over 16-feet in length or an airplane or an amateur radio station. Since this is a somewhat limiting rule, exceptions are made for those with a sincere interest in boating and enthusiasm for the Auxiliary.

A flotilla, the basic unit, should have at least 10 boat-owning members and is supposed to maintain a ratio of one boat for every two members, standards that are not always met. Significantly, officers at the level of district commodore and vice-commodore must be boat owners. These requirements have long been on the books in order to preserve the original concept—that the Auxiliary be an organization of boat owners.

And rest assured that these boats are in perfect condition, properly equipped, because each one must pass a rigorous inspection every year. Members know they are the pacesetters, an example for others. "When I ran aground last spring, I was so ashamed I felt like taking the Auxiliary flag down," a Midwestern member recently commented.

Is it expensive to join? Not at all, annual flotilla dues run from $4 to $12 and sometimes nothing.

In keeping with the growth of boating, the CGA's membership has gone from 2,460 in 1940 to 14,159 in 1957, although it is not the aim of the organization to achieve impressive number totals. (*continued on page* 142)

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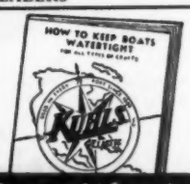

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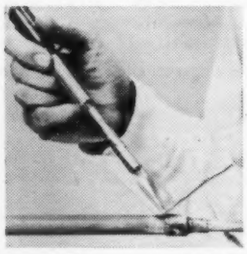

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One of the most practical items for boatowners. It produces 3500° of intense heat . . . though only pocket size . . . fits easily into tool box. Powered by a butane cartridge, it will braze, solder or peel paint . . . as easy to handle as a pencil. Cartridge may be shut off and will last a month or more between use.

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The superb, extra-safe construction features *full-length planking*, no butt blocks; white oak frames, 8" centers; copper riveting; selected African mahogany. And powered up to 30 mph!

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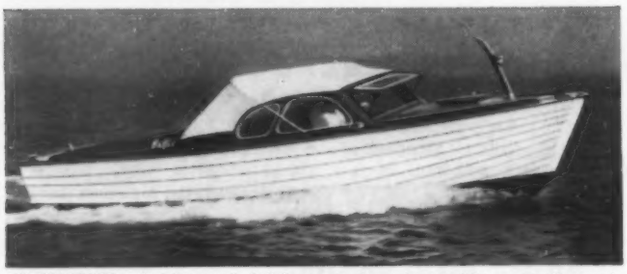

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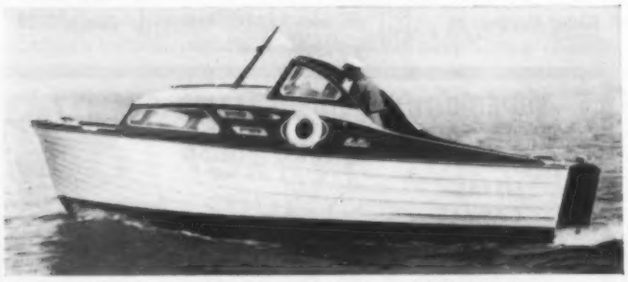

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U.S. DISTRIBUTORS FOR SWEDISH-BUILT BALTIC SKIFFS

DEALERSHIPS AVAILABLE

(*continued from page* 140)

As pointed out by Captain H. B. Roberts, chief director of the Auxiliary at headquarters in Washington, quality rather than quantity of membership is stressed and "paper" flotillas are an anathema to the organization. "Paper" flotillas are mere lists of inactive members, and occasionally a weeding-out is necessary to keep the Auxiliary healthy.

Such a situation occurred in St. Paul, Minn., a few years ago. Arthur Kruse, a division captain, tells it this way.

"Quite a few enthusiasts went to work, first to change the attitude and second to enroll new blood. A few flotillas were dropped, new ones organized, and we started to climb. We gave some Public Instruction Courses, we staffed the Coast Guard booth at the St. Paul outdoor show, we held our first annual installation-of-officers dinner last January, we have helped with Coast Guard recruiting information and our flotillas are on 24-hour call for search and rescue. It's amazing how many gas tanks can run dry."

Harry Kessler of Alton, Ill., reports that in his division, "There is a tendency to get rid of the dead wood and enroll active members."

In Chicago, says vice-commodore Joseph V. Day, "Membership has increased tenfold and interest one hundredfold. As an example, in the public instruction field, ten years ago one course in the spring seemed ample. Now the courses are a year-around activity and we plan at least ten for 1958. Formerly our Courtesy Examiners had to dig out boats for inspection. Now we find a great deal of telephoning by boat owners and we make examinations on an appointment basis. Chief thanks go to our division captain, James P. Russell who is in his sixties and the most active 'retired' man I've ever known."

With good members, the Auxiliary is equipped to make real contributions. Its activities center around the so-called four cornerstones which are:

1) Examination and Inspection—As a public service to boat owners, the Auxiliary has a safety program known as

SPEED!

Get the feel of this boat, sailor! She's framed for speed and dashing performance. With trim, slim lines she planes easily. She's alive to your quickest signal, ready for fun and adventure. And like every Old Town, she's set for years and years of dependable, seaworthy service.

Old Town Lapstrakes come in a variety of models—the "14," "16," "18" and "20." There's one that's right for you!

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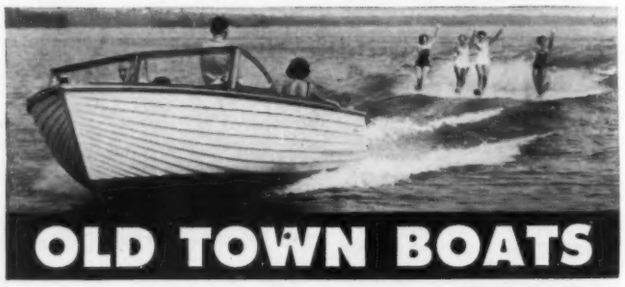

OLD TOWN BOATS

the Courtesy Motorboat Examination. This examination gives any owner the opportunity to have his boat examined by a specially trained member of the Auxiliary. Upon completion of the exam, if the vessel is determined to be equipped in compliance with both existing legal and special Auxiliary requirements, an Auxiliary Decalcomania is issued for this no-charge courtesy inspection. This decal, when displayed on the vessel, informs the U. S. Coast Guard that the boat has been inspected and a boarding party will not deter it unless there is evidence of flagrant violation of Federal law. In 1956, 24,193 decals were awarded while 11,328 vessels were rejected.

2) Instruction and Examination—Auxiliary members undergo basic training in seamanship, Rules of the Road, piloting, boating laws, and motorboat operation. Members who are qualified as instructors teach provisional members and non-members the subjects of the Public Instruction Course. There are three of these, the standard P.I.C. of nine lessons; a briefer three-lesson course concerned with seamanship, Rules of the Road and safety equipment, plus a single-session program of outboard education designed to at least expose safety rules to this booming field.

There are other unofficial phases of the education program. For example, at Rockaway Beach, Long Island, Auxiliarists give lectures on safe boating practices to junior high school students.

3) Operations—Auxiliarists occasionally assist the Coast Guard in some of its functions such as search and rescue; patrolling of regattas, pageants and marine parades; plus aid in hurricane and flood relief. Operational work, particularly of a disaster type, is the secret ambition and unspoken goal of many a member.

4) Fellowship—Activities and festivities of the Auxiliary promote lasting friendships. Belonging to a national organization affiliated with the Coast Guard enables the Auxiliarists to feel that they are contributing their time, knowledge

(*continued on page* 144)

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NEW "STORM SIGNAL" CUSHION

Covered with 12 gauge unsupported vinyl with no fabric backing. Made boxed edge style with perforated boxing and white plastic cording. Filled with kapok contained in 4 electronically sealed vinyl bags. Size 15" x 15" x 2". Color: Yellow cushion with colorful designs in red, black and white. The designs illustrate the new U. S. Weather Bureau Storm Signals effective January 1st. A necessity on every boat.

UNICELLULAR PLASTIC SKI BELT

Covered with fast colored orange fabric filled with the New Unicellular Plastic buoyant material which will not waterlog or mildew. Equipped with adjustable web strap around belt with dee ring closure. Made in 3 sizes: 20"-24" Waist, 26"-30" Waist, 32"-40" Waist.

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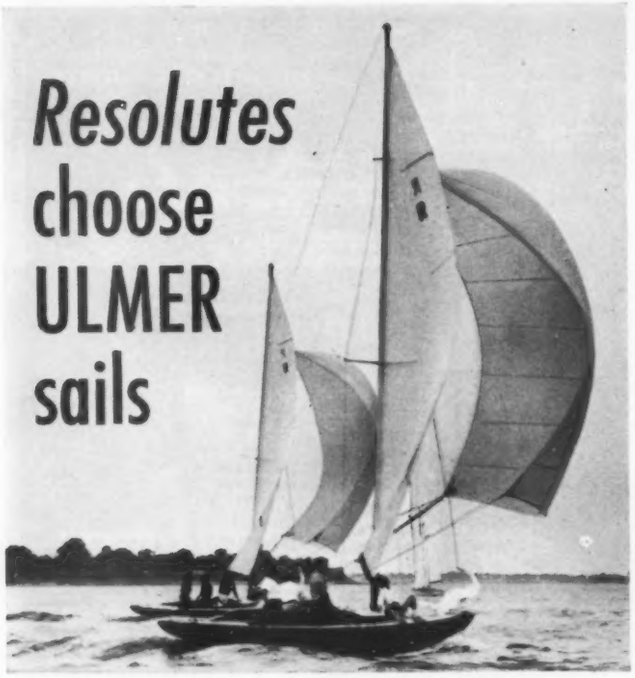

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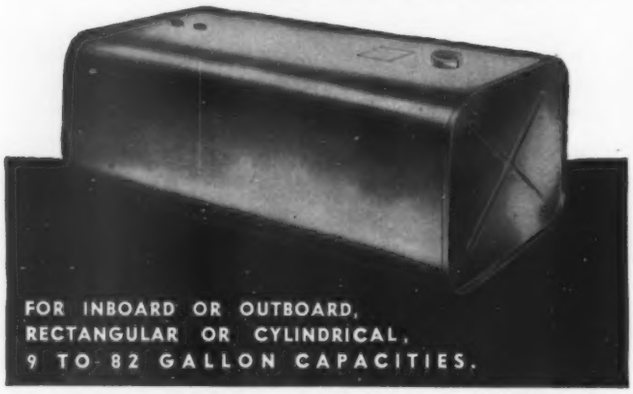

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★ Fuel is always clean and rust free.
★ Each tank individually "Torture Tested."
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(*continued from page* 143)

and skills for the advancement of safe boating across the nation.

This wide range of activities is directed by a military-type chain of command combining regular Coast Guard officers and those elected to membership by the Auxiliary. The Coast Guard supplies a chief director, currently Captain Roberts, who operates from Washington, and on the next level there is a director of auxiliary activities in each of the Coast Guard's ten geographical districts within the continental limits of the United States.

Top officer in the Auxiliary is the commodore, an office now held by John B. Tanner of San Diego, Calif. Tanner, a live wire, is an ideal man for this post. A combat flier in World War II, he owns both a plane and a boat. It is said about him that he never answers correspondence. Rather, if one writes him on Auxiliary matters, Tanner is most apt to appear in his plane within the next week to talk over the problem personally.

The Auxiliary is gaining a reputation for fine achievements. To cite a primary example, Coast Guard records say that Auxiliary participation in 1955-56 was directly responsible for the saving of 112 lives on the water.

Last September three Auxiliary boats were ready to save another life under the George Washington Bridge in New York City. A would-be suicide was poised for a jump off the bridge and three Auxiliary craft, part of a fleet of 36 patrolling at the Manhattan Outboard Marathon on this particular afternoon, were quickly dispatched to the scene for a rescue. Fortunately the man was persuaded not to jump by a newspaper photographer.

That outboard marathon provided over 100 Auxiliarists with a magnificent patrol opportunity around a dangerous 26-mile race course and 18 assists (assisting a boat in distress) were made that day.

Concerning difficult regatta patrols and rescues, the regular Coast Guard occasionally calls on the Auxiliary for operational help. One of the leading rescue operations is conducted by the Big Bend Division in northwest Florida on the Gulf of Mexico. This is the only Auxiliary division with a formal name rather than a number, and its captain, W. S. Schley, says the small membership, 57 men in 47 boats, averages six search-and-rescue missions each month.

"About 9,000 persons a week shove their boats into the Gulf between Apalachicola and Cedar Keys, Florida," reports Schley, operator of a commercial fishing resort called the Tallahassee Yacht Club. "When they get lost or run out of gas, we go and get 'em. We've rescued everything from an F.B.I. agent to a steer.

This division's rescue work is a model of cooperation. A 1,000-watt auxiliary radio station monitors the frequency used by a Coast Guard search plane based at St. Petersburg. The plane locates missing craft and auxiliary boats go to the rescue. Usually aboard one is the division surgeon, Dr. Robert Sayre, a former Army medical officer.

On Florida's east coast, one of the more active flotillas is located at Ft. Lauderdale where it operates out of its own base at the Bahia-Mar marina. Flotilla members raised $20,000 to equip this base, which is a rarity among Auxiliarists who are used to being homeless or operating out of boat yards, or public and private moorings.

Walter Linder, a division captain at Pompano Beach, Fla., tells of a recent rescue. One night last September the Coast Guard in Miami called the Auxiliary at Pompano Beach and told of a sailboat in distress not far offshore, reported by a tanker which was standing by. John Whitmer from the local flotilla answered the call at one A.M. and towed the sailboat to safety. The craft's tiller had been damaged and the auxiliary engine quit enroute from Nassau to Miami. The skipper signalled S-O-S with a flashlight to the passing tanker which radioed Miami and then came the call to the Auxiliary.

Every member who has gone out to clubs and yards to

(*continued on page* 146)

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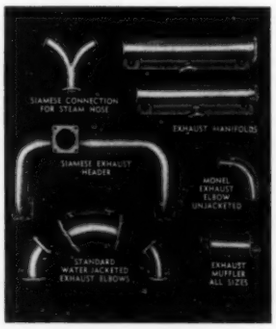

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Pere Marquette FIBERGLAS BOAT CO., INC., SCOTTVILLE, MICHIGAN

(*continued from page* 144)

give the courtesy examinations has stories to tell about ignorance or carelessness, some funny, some frightening. Lloyd Albin, Auxiliary vice-commodore of the East Coast's District Three (the CGA's largest with 3,898 members), tells of an occasion at Atlantic Beach, Long Island, when he found 40 gallons of gasoline in a boat's bilge. He ordered everyone off the craft, disconnected all electrical circuits and gently hand-pumped the gasoline overboard.

Albin suspects that he saved a life, an accomplishment that many other examiners have achieved.

An examiner at Alton, Ill., was asked for "one of those stickers." The vessel involved was a shiny, new 15-foot outboard runabout that had everything save anchor and fire extinguisher. The owner stated he had no intention of scratching up his boat with an anchor and a fire extinguisher was unnecessary because he had plenty of insurance. There was no sticker awarded and the skipper signed up for a Public Instruction Course.

An examiner in Chicago found a drogue, or sea anchor, in a lazarette. The embarrassed owner said it had been there for two years but he never had the nerve to ask what it was for—thought it might be some kind of funnel.

In St. Paul, Minn., an examiner was recently shocked by an inboard runabout owner who inquired, "Say, what are those red and black things floating on the water?"

Such questions for Auxiliarists to patiently answer are endless. There will likely be even more in the future because the Auxiliary has a great responsibility ahead of it in a vastly expanded program of boating safety. The Congressional Committee headed by Rep. Herbert Bonner of North Carolina, conducted an exhaustive survey of recreational boating in 1956 and concluded that voluntary educational programs were perhaps the best way out of the woods of conflicting legislation, both current and planned, plus mounting accident reports.

The Bonner Committee specifically cited the Coast Guard Auxiliary as an organization that could play an even greater role in educational work. So the Auxiliary's aim must be continued development of volunteer but highly skilled examiners and instructors to spread the credo of safe boating.

The Coast Guard Commandant, Vice Admiral A. C. Richmond, recently directed this message to the Auxiliary, "Only with your help can we hope to spread the gospel of self-regulation and common sense and thus bring to a halt the growing record of needless death and destruction now attendant on the rapidly increasing family sport of boating."

—BILL WALLACE

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Tom Blakley

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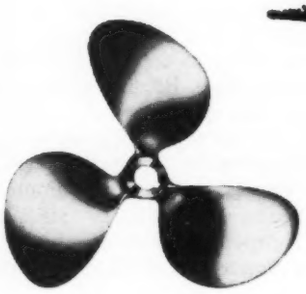

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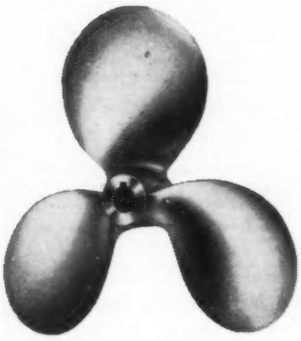

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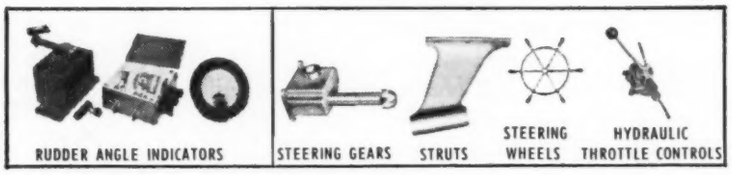

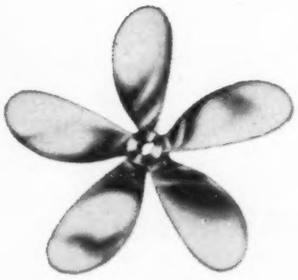

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NEWPORT BEACH

(*continued from page* 83)

by actor Jimmy Cagney, the island has taken his name although it is now owned by industrialist George McNamara. Reportedly, the island was sold for half-a-million dollars.

Bay Island is a small residential island off Balboa. Like Cagney Island, it has no shops. Roy Rogers is one of its noted inhabitants.

Harbor Island, with about 30 homes, is easily the most exclusive area in Newport. Best known is the million-dollar home of Jascha Heifetz, presently owned by Harold Amundsen, owner of the fast racing yacht *Surprise*. There are no shops on the island.

Lido Isle is an island of 50 homes costing up to 250,000 dollars. There are no shops on the island, but the store at the bridge which leads to the island, is world famous.

Newport Island, on the north edge of the city, is almost exclusively a business area. Here, marine supply stores, banks, shops and theaters are located.

Shark Island, close to Harbor Island, is the newest of the islands. As yet unoccupied, current plans call for construction of a multi-million dollar hotel there.

All of the islands, plus a major portion of peninsula, are artificial, having been dredged out of the shallow mudflats which were once the harbor. As each island was built from the bottom of the bay, a new real estate boom would follow.

Sales in the harbor are not brisk, because land is at a premium and is costly, but real estate men find business consistent. There are ready buyers for any houses and lots for sale. Waterfront footage (when it is available) on exclusive Lido or Harbor Islands, sells for a minimum of $1000—per foot.

Prices are high because Newport has become a high-level resort town. Everywhere, water is king. Evidence is visible

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Surge ahead in your new racy-looking all-aluminum Polar Kraft Ski-King 14' or 16'. Includes windshield, steering rig, Styrofoam-filled seats, upholstery. Handles up to 70 hp. Only $675 for the 14', FOB factory. 18 other models. Ask your dealer or write

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in the stores, garages and boat shops which rim the business sections. In residential areas, along the channels, the influence is equally visible. The back of houses face the street: the front is toward the water. Every waterfront home has its own pier, mooring facilities and at least one boat. Craft from six-foot dinghies to 175-foot cruisers are moored everywhere: behind homes, bank buildings, stores and restaurants. Fishing poles, skin diving suits, flippers are as common as the sight of a Cadillac towing a cruiser or sailboat. Skin-diving is popular below Newport from Corona Del Mar south to San Onofre. In the summer, a motor ferry circles the channels during the day and evening hours. To go marketing, visiting, or out for the evening, a Newport citizen simply flags down the ferry and steps aboard from his private pier. Boats are used for transportation as often as for fun. Several restaurants, like Bob Dalton's and Christian's Hut have private docks for customers.

If the subject in town isn't boating, it's fishing. Ocean fishing, from commercial fishing to sport fishing, rates as one of the top activities. Game fish are always being taken and Swordfish are plentiful in season. The world's record, a 692 pound 13-foot-5-inch Marlin, was taken off Newport on a 24-thread line.

To the city's 21,201 regular population, the water (through boating, fishing or swimming) is either the backbone of their economy or the key to their pleasure. Although a large portion of the local citizenry lives and works in Newport, an even larger percentage commutes to jobs in nearby towns. Many drive the 30 miles to Long Beach. An unusually high percentage work in Los Angeles. Dick Shaw, a writer for a Hollywood motion picture company, makes the daily 120 mile round trip between his home and his studio. Others, such as publisher Paul Mitchell, live in Los Angeles during the winter and in Newport during the summer.

Many top Hollywood personalities make the shift on a

Now ready for '58 are 2 new Lapstrake models that combine every ounce of quality and performance that 104 years of experience can build into them! They outperform anything we've ever seen. The "Whitecapper" is 16′ — the "Surf Rider", 15′.

Dunphy's 1958 line of Mahogany Molded Plywoods is also full of new, exciting surprises. Write for literature. Dealers: Write for franchise information.

DUNPHY BOAT CORP.
532 Broad St., Oshkosh, Wis.

Sailing becomes regal in a Holiday

- MODELS BY WORLD-FAMOUS MARITIME DESIGNERS
- OLD WORLD CRAFTSMANSHIP, CONSTRUCTION, AMERICAN SUPERVISION
- BUILT TO LAST
- CUSTOM-BUILT CABIN ARRANGEMENTS... AMERICAN ENGINES

These hallmarks of sailing at its incomparable best are featured in all four of Holiday's magnificent sailers.

Breathtaking beauty and lines, combined with speed, performance and outstanding safety, make Holiday sailers the most versatile yachts of the year.

Established as top racing competitors, Holidays' spaciousness and luxury apointments mark them as the ideal all-family yacht.

28′ VICTOR (TOP)
Fleeter than ever with new masthead rig. Top handling ease. Beam, 7′10″. Sail area, 300 sq. ft. Sleeps 4. Round bilge hull. Centerboard, 3′, available. $5590. with sails.

24′ HOLIDAY SAILOR (CENTER)
7 wins in 7 races, '57 racing, Delta Class, C.B.Y.R.A. Complies with M.O.R.C. Plywood hard chined. Beam, 7′7″. Sail area, 261 sq. ft. Sleeps 4, enclosed head, outboard bracket. Easily trailable. Centerboard available, 2′3″. $3390. with sails.

30′ HOLIDAY (BOTTOM)
Even greater speed with masthead rig. Ideal family cruiser. Beam, 8′5″. Sail area, 368 sq. ft. Sleeps 4. 6′1″ Headroom. Round bilge hull. Displacement, 7,000 lbs. Centerboard available, 3′. 22 H.P. Palmer engine. $9090. with sails.

24′ JUNIOR HOLIDAY (NOT PICTURED)
Sleek racer, M.O.R.C. class, luxury lines. Beam, 7′6″. Sail area, 261 sq. ft. Sleeps 4. Round bilge hull. Stainless steel galley. Centerboard available, 2′3″. Easily trailable. 6 H.P. Palmer auxiliary. $5190. with sails.

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Carib Boat & Supply Co., 6212 S.W. 8th St., Miami 44, Fla.
Rufus G. Smith & Company, Box 202, Route #1, LaPorte, Texas
John Strieter, 1417½ Second Avenue, Rock Island, Illinois

(*continued from page* 149)

weekly basis. James Cagney, Lou Costello, Ray Milland, George Brent, George Burns and Gracie Allen, and Roy Rogers maintain homes in Newport.

Rogers' huge cruiser *Flamba* is moored at his private pier beside his home on the tip of Bay Island. James Cagney moors his famed *Swift*, a red and black square-rigger patterned after famous Baltimore packets, near Harbor Island.

Ray Milland keeps his yacht *Dragoon* at Newport. George Vanderbilt moors his 172-foot steel schooner *Pioneer* in the quiet waters of Lido Channel, appropriately enough behind the Newport-Balboa Savings and Loan building. Dick Powell has a waterfront home. Red Skelton, Robert Walker, Joan Crawford, and John Wayne have been, or are, frequent visitors. Humphrey Bogart was, perhaps, the most famous Newport regular. Newport was home port for his famed *Santana*. Cartoonist Virgil Partch is an island habitue.

In the summer, when tourists swell the population to more than 70,000, local businessmen do more than four million dollars worth of business. Yacht and cruiser sales are reported to top the nation.

From such an enthusiastic marine background has come a seaworthy know-how which makes the trends at Newport felt on all West Coast boating. What happens at Newport is significant information from Seattle to San Diego. Races have begun at Newport and been copied elsewhere. Boat designs have originated here, to shoot into national prominence. World famous *Snowbirds*, peculiar to Newport, are seen in the east in the Ray Greene-built Nippers. The famed Naples *Sabot* is currently receiving a phenomenal push because of its popularity in Newport. The well known *Lehman IC 10* can trace its growing acceptance (there are classes along the West Coast and in areas as varied as Chicago and Acapulco) to its rise at Newport. *PC* and *Star* class boats have credited renewed expansion in their ranks to interest at Newport.

Notable among the area's 17 boatbuilders and repair yards is the South Coast Company of Newport Beach. There are 12 boat dealers, 12 marine insurance agents, 5 boat rental spots, 7 boating clubs and three fishing clubs to take care of residents and visitors. This is a starting and outfitting point for cruises to Catalina, down to Ensenada and Acapulco in Mexico, and even Hawaii and Tahiti.

Newporters like to feel they start trends, and one of their prime examples is the *Snowbird*. The official 1932 Olympics class, the boat was first designed by Newporter Jim Webster and backed by Balboa Islander J. A. Beek. Almost overnight, the boat became one of the most popular classes at Newport. The famed "Flight of the Snowbirds" is the world's largest yachting race. Held each year around July 4th, more than 165 of the small cat-boats compete.

"It is the United States' most popular race for all ages," Chairman Urban Beh, said, "and it is probably the most important training race in the world. There is no entry fee: no membership requirements. It is a race for anyone who wants to have fun."

The fact that the "Flight of the Snowbirds" is for fun, is undeniable. The entry blank sets the key. It says, "Age Limit: for all ages from one to one-hundred-one." Nothing could be clearer, yet the emphasis here is on youth. Sailing over the two-mile course from the channel entrance to a point deep in the harbor, the majority of sailors in the 1957 twenty-second annual race were under 16 years of age. Awards are given for the fastest boat, the youngest boy and the youngest girl crew.

Although Newport has always been a place where adults in expensive and inexpensive boats could play side by side, the mass trend is toward the smaller boats. Even though youth is taking over, the post war move to small boats is not limited to the young. The change to small boats like the *Snowbirds* is covering all age groups.

One of the major reasons is cost. First made of wood, now made of fiberglass, the *Snowbirds* are easily the most popular class boat in the harbor. Used wooden *Snowbirds* sell for $400 to $450. New fiberglass models cost $775

(*continued on page* 152)

WHY NOT CHANGE TO SAIL?

Thistle 17′
The Mallory Cup choice for 1957

Highlander 20′
World famous star performer

Make Booth B-51 your headquarters at the New York Boat Show, Jan. 17-26.

Let us introduce you to the two most outstanding centerboarders in the small boat field.

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Let us tell you about our new financing plan which lets you own either a Thistle or Highlander with a minimum down payment.

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"Break Out the Spinnaker!"

A snappy turn around an imaginary marker, then dousing of the jib and a pay-off of the main for a fair wind leg. Now comes the big moment with the order, "Break out the Spinnaker!" Sure it's just a practice run, but it's mighty serious practice, the kind of practice that makes winners.

Sailing teaches youngsters a lot of things they cannot learn in any other way. Sailing presents ever-changing problems. Sailors must learn to recognize conditions and to meet them, to take responsibility, to be alert and dexterous and to think.

A small sailboat is a good investment for any father to make for the future of his boy or girl. Small sailboats are comparatively inexpensive, and most of the maintenance is willingly performed by the juvenile skippers and their friends. Learning to sail is fun and takes a beginner a surprisingly short time to become reasonably proficient. Once children learn they never forget it.

For further information on how to get started in sailing, communicate with:

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easy to build and fun to own

here is why

1. Pre-fitted on boat builders' jigs at BayCraft to assure you of perfect assembly.
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6. Models from a 17' outboard utility to a deluxe 34' cruiser.

22' MYSTIC

No. 620 20' VACATIONER HARD TOP

No. 1620 20' EXPRESS CRUISER

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No. 417 17' OUTBOARD UTILITY

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SEND 25¢ FOR CATALOG

Bay Craft

(*continued from page* 150)

plus $125 for sails. Runabouts in the under $1000 price range are swelling ranks, too.

But *Snowbirds* and runabouts are not the only inexpensive boats popular at Newport. The 8-foot *Sabot*, a boat designed to be a yacht tender or smart sailor, has felt a rise in popularity that's amazing. Selling for $355 complete with sails, builder William Schrock, has seen the boat firmly established as a racing class.

The *Lehman Inter Club 10*, designed in Newport by Barney Lehman, has become the step-up for sailors who graduate from the *Snowbirds*, runabouts and *Sabots*. *Lehman IC 10's* are frequently seen in races in the harbor.

Newport has always had a wealth of top notch pilots to sing such praises. World famous *Star* Class pilots Don Elder and Bill Ficker call Newport home and practice on its waters. Elder and Ficker only recently gave new interest to both the *Star* Class and Newport when they competed in the Internationals at Havana. Freddy Schenck, who won the national *Snipe* Class in the U. S. this year and placed second at the Internationals in Portugal, lives and sails in Newport. The *Legend*, Charles Ullman's winner of the Transpacific race to Honolulu and members of POPULAR BOATING's Sailing Honor Roll for 1957, calls Newport Beach, home port. Albert Soiland, the father of Newport boating, developed his famous *Viking II*, here.

But the Newport of Soiland's day is gone. Newport's expansion into the hills which rim the bay is creating a tangle in the harbor. Most of the people who are buying homes close to the harbor are locating there because they want to be close to the water. They own boats, or want to own boats. New citizens and Los Angeles, Santa Ana, Anaheim and close-by residents have created a surge in mooring, from 2000 boats in 1940 to 5,431 in 1957. The influx has played havoc with mooring space; none is available. The Harbor Master's office, coordinator on such

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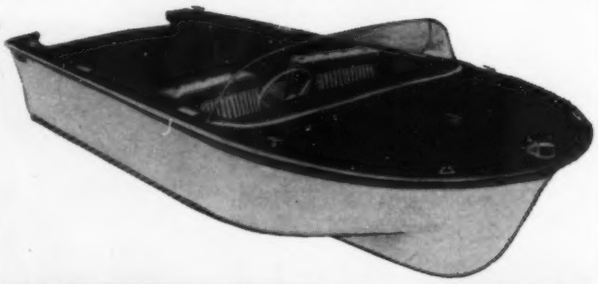

Vanguard 17' JUPITER

Big boat comfort . . . safety . . . stability built into the Vanguard JUPITER—especially designed for off-shore fishing or family cruising. Have safe, maintenance-free boating for years with all-fiberglass seamless hull construction; full-length flotation. Centerline measures 16' 10"; beam, 84"; rear cockpit, 68" x 99". Designed to take the biggest 1958 outboards and *really perform!*

See the JUPITER . . . other Vanguards . . . at Chicago and Miami Boat Shows or write for FREE FULL COLOR FOLDER.

PENINSULAR FIBERGLASS PRODUCTS, INC.

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problems, now has a waiting list of several hundred names, and some have been on the list for several years.

This situation has helped the trend to smaller boats which can be easily transported. Ed Martindale who lives in Newport Heights, owns a 22-foot Schock sailing yacht and works in Newport, is typical.

"I spent a year trying to find moorage," he says, "and finally gave up. I carry the boat to one of the commercial launching ramps, sail, then take the boat home. If I didn't have a backyard I couldn't go sailing."

Newport's seven yacht clubs are trying to remedy the situation, but most of them are swamped with membership applications. The Newport Harbor Yacht Club has more than 500 members, and over 45 acres of 15-foot deep moorage. The oldest club in Newport, its docks are full.

The Balboa Yacht Club, with more than 400 members is packed. The Lido Isle Yacht Club, possibly the most exclusive yachting club in the world, is restricted to Lido Isle home owners. The Balboa Bay Club, the largest club, with 1000-plus members, cannot expand as rapidly as applications arrive. The Voyagers, newest yachting club, is only now getting underway. The Balboa Island Yacht Club, with 70 members, is restricted to teen-agers. The Non-Calms is a similar teen-age group, and a junior division of the Newport Harbor Yacht Club. Several semi-official sailing and yachting 'associations' are in similar circumstances.

Present boating activities are strictly limited to the harbor and a small section of the Upper or Back Bay, east of the Coast Highway. Most of the upper bay area is useless mudflats, scheduled for development sometime in the future.

Early in November, 1957, city officials accepted a private plan to develop a second segment of the upper bay as a privately-operated park and recreation area. Reportedly to be built in a Southern Pacific motif, it will feature

(*continued on page* 154)

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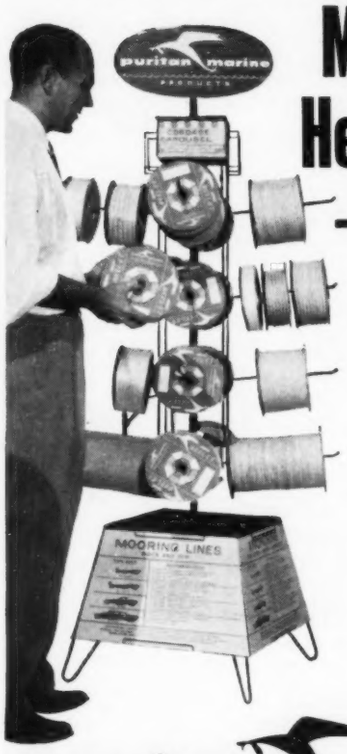
Marine Rope Headquarters



Now you can select the ropes you need from the Puritan Marine Cordage Carousel.

You'll see all types of cordage; ropes that stretch; ropes that don't, ropes that float; that even splice themselves; ropes that resist rot; always the right rope for the right job.

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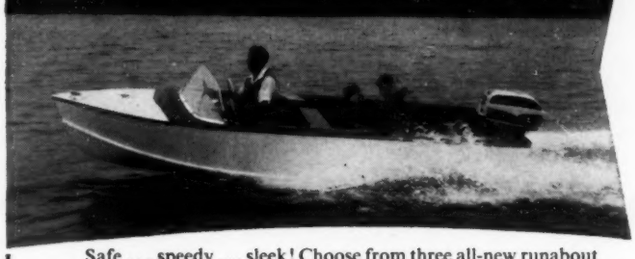
CHOOSE YOUR CLASS from the Line that's IN A CLASS BY ITSELF!

ALL NEW Sea Flyer OUTBOARD RUNABOUTS

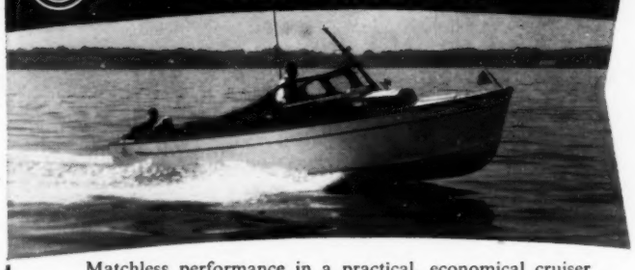


Safe . . . speedy . . . sleek! Choose from three all-new runabout models—the economy priced Ski Boat, a sporty standard runabout and the smooth, fashionable Princess model. All are designed for speeds up to 40 miles per hour—smooth, safe speeds made possible by the all-new semi-vee hull design. Turn waterways into highways of fun . . . see the Sea Flyer line and select the model of your choice. Safely accommodates the largest outboard motor.

New LITTLE MARINER FISHAWK

Utility or Overniter for fishing and family fun . . . take the wheel of a Little Mariner Fishawk! She breezes smoothly and safely along as you enjoy positive handling and refreshing speed. She's the ideal family boat . . . and you can't beat her for fishing. Features extra long cabin, smooth, and dry-riding semi-vee hull design. The Overniter model has sleeping accommodations for two.

LITTLE MARINER DAY CRUISER



Matchless performance in a practical, economical cruiser. You're off to your favorite port at a smooth, swift 25 knots . . . aided by all the essential equipment you find in much larger boats, plus a wonderful, comfortable sense of spaciousness. Navy top provides complete protection from sun and weather. Complete, efficient galley, Marine Toilet, and sleeping accommodations for two are included.

Act now! See the Little Mariner or the Sea Flyer Lines at your nearest dealer . . . or write for free literature.

GENERAL MOTORBOAT CORP.
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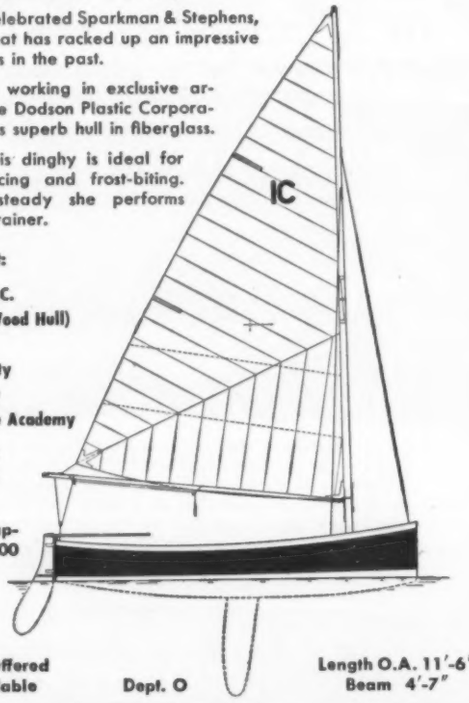
Designed by the celebrated Sparkman & Stephens, this well known boat has racked up an impressive number of victories in the past.

O'Day Associates working in exclusive arrangement with the Dodson Plastic Corporation now offers this superb hull in fiberglass.

Fast and able, this dinghy is ideal for intercollegiate racing and frost-biting. Responsive yet steady she performs beautifully as a trainer.



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swimming, picnic areas, recreation facilities and will do something to ease mooring. When the full back bay is cleared, 75 additional acres of water will be opened.

Because of such circumstances, much of Newport's boating is transient. Weekend sailors from a 200 mile radius flow into Newport, swelling its facilities and making Newport a top tourist attraction, with heavy business at the motels, hotels and restaurants. Businessmen have developed slants to cater to the boaters. There is even a Bo-Motel, a motel fronting on the Coast Highway with docking facilities for guests who wish to arrive by boat.

Newport Bay was formed by the silt and mud carried down to the ocean by the Santa Ana River. By 1880 the area gained new prominence as a place for fishing. It was sub-divided in 1904 and opened as a sea-side town. A long ocean pier helped its growth, and when the town was incorporated, in 1906, harbor development began.

(*continued on page* 156)

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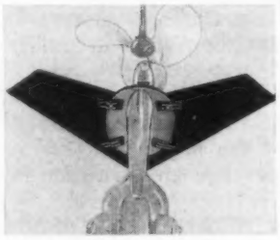

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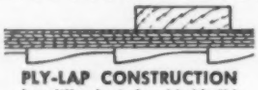
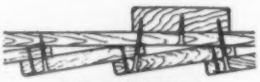
aquadynamically designed for superior runabout beauty and performance!



PLY-LAP CONSTRUCTION
A multilaminated molded hull is bonded together with Ply-lap siding into an integrated seamless hull.



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Overlapping strips, caulked, clouted and screwed together. Result: Excess weight, exposed seams. Danger of dry rot.

Build a runabout with clinker-built beauty and clinker-built performance without the extra weight and vulnerability of old-fashioned clinker construction. U.S. Molded Shapes, Inc., molded ply-laps* (full lap or half lap) are lightweight, seamless, water tight and rot proof. Pound for pound stronger than steel! Perfectly balanced with compound curves molded for life into the multilaminated hull. Aquadynamically superior! All bronze fastenings. Save up to 75% of the labor with a U.S. Molded hull. Get factory built appearance and performance . . . a better boat at half the cost. Half lap hulls from 12' to 16' 6". Full lap from 13' 6" to 16' 6".

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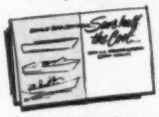
PRE-CUT PARTS AVAILABLE
for finishing into boats that look factory built.



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1. A brand new BMW ISETTA "300"—Europe's car sensation that comfortably accommodates 2 adults and a child, provides plenty of leg room . . . can go up to 55 miles per hour and get 60 miles to a gallon.

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3. A brand new Master Craft trailer, specially crafted for the BMW ISETTA "300" and fitted with anti-shock spring suspension, silent bloc bushings, adjustable keel and cradle rollers, dependable four-ply rayon cord tires.

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The fiberglas bottom of a cabin cruiser in Biscayne Bay five months after painting. Note the clean area on the right, which had been coated with No. 9134 Copperpac and that on the left which had been painted with another leading brand of bottom paint.

See your Dolphin dealer or write for free literature and dealers' names.

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941 LOCUST STREET—TOLEDO 3, OHIO

It was here that aviation pioneer Glenn Martin first developed his airplanes. The first hydroplane to land and taxi ashore, then take off again, performed the feat at Newport under Martin's guidance.

Until 1936 the shallow mudflats at the entrance to the Bay made boating across it a tough game. Albert Soiland, early resident and a main impetus of the area, tells of an early experience with *Viking II*.

"We made occasional voyages from San Pedro to Newport Bay," says Dr. Soiland who first established 'station A' of the South Coast Yacht Club, in Newport (now the Newport Harbor Yacht Club). "Although we would strike bottom crossing the harbor flats and would wallow in the trough of breakers, no serious mishaps befell us.

"However, there came a time . . . The breakers did not seem high as we passed the mouth. We slid over several in great shape, and then we suddenly spied the last one coming on strong, apparently looking for revenge. It was too late to come about, our only salvation was to take it square on the nose at full speed. The bow rose, and it seemed an everlasting time for it to make up its mind whether to go forward or rear back over our heads and engulf us. The cockpit was full of water. Fortunately, the hatchway was closed. Although we had been pushed back, nearly to the narrows, the good old engine chugged along and finally we slid over the top into deep water."

Such dangerous activity at the entrance kept the popularity of Newport at low ebb until 1936 when the entrance was dredged clear. Sitting in his office, in Washington, D. C., President Franklin Delano Roosevelt pushed a button which signalled Coast Guard boats at Newport that the channel was officially open.

Today there is no doubt in the mind of any Southern California resident what "I'm going to Newport" means. It means more than a weekend on the water, a weekend of boating, swimming or fishing. It is a way of life.

—ROBERT LEE BEHME

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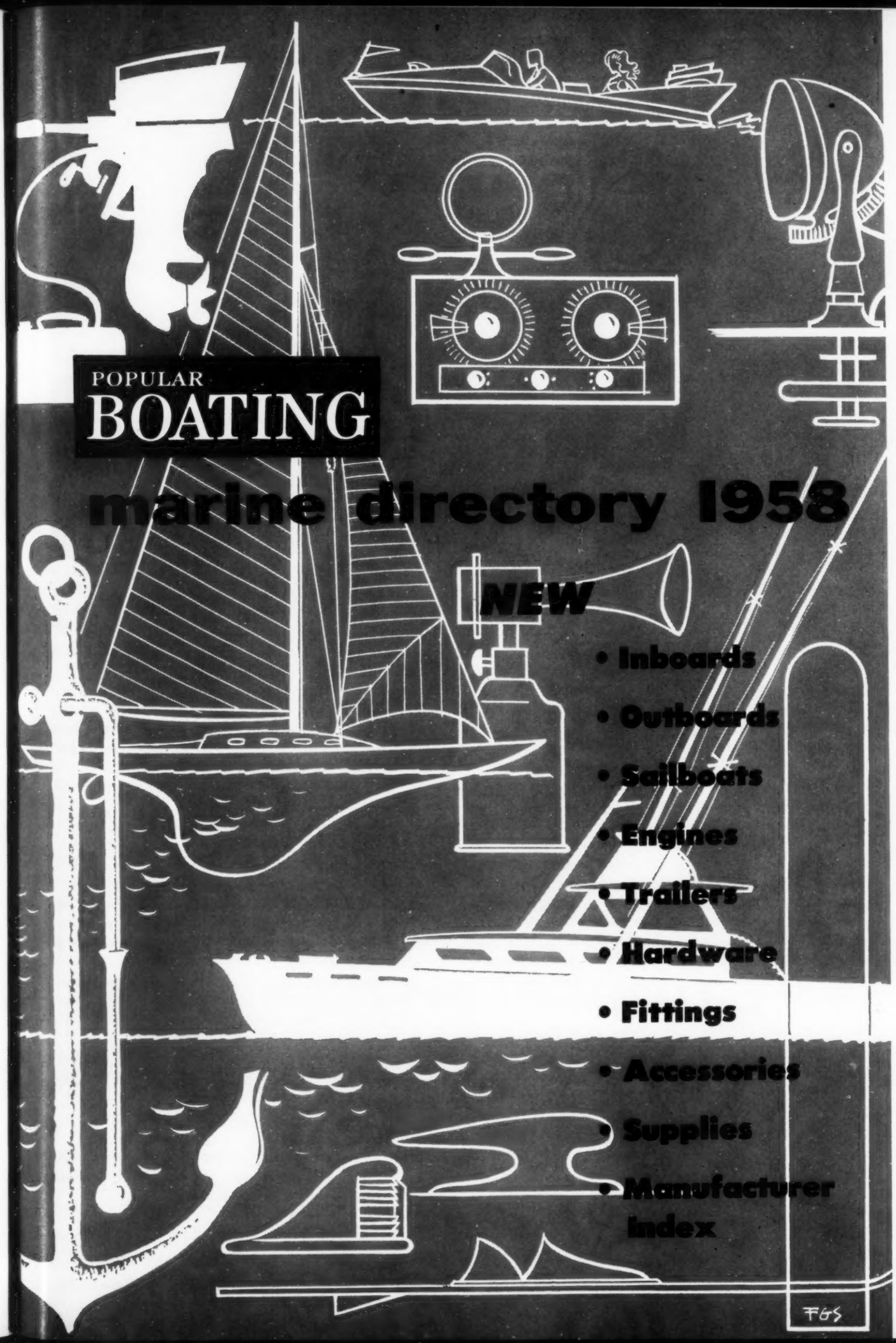

POPULAR
BOATING

marine directory 1958

NEW

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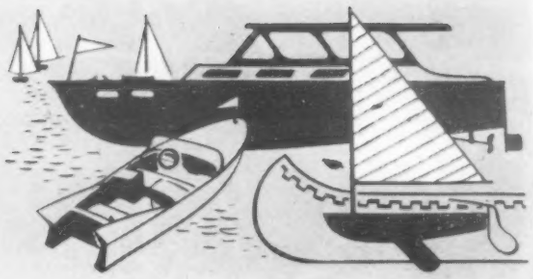
BOATING - 1958



THE emphasis in motor boat design and construction this year is on comfort, safety, and utility. However at first glance the news would seem to be headlined, "Tradition versus Tailfins." The new look in boats is automotive with exhaust stacks, fore-deck air vents which give the appearance of carburetor air intakes, rakish topsides and cabin structures with bright color combinations. But these are superficial innovations of design which do not detract from essential improvements such as increased stability and dryness in the wider and deeper boats, heavier transoms to handle more powerful outboard motors, bigger boats with accommodations planned to give maximum utility for family cruising or sport fishing, and the use of synthetic materials to reduce maintenance costs.

This issue of POPULAR BOATING provides the boatman a complete boat show at home; and in browsing through the following pages he will want to keep certain channel markers in mind. A boat show shopper should decide on his requirements and envisage the particular type of boats which meet his personal requirements—salt water sport fishing, family weekending on a river or lake, sailboat cruising with an occasional club race, etc. Bear in mind the list of qualifications for this boat are dictated by the area in which the boating will be done, the functions the boat must perform, the number of persons to be accommodated, the amount of time available for boating and maintenance, and the size of investment considered.

With the trend towards flashy, attractive hulls, the boat buyer must be increasingly firm with himself in insisting that the boat which catches his eye also fills his particular needs. For example: if the waters he hopes to cruise are offshore, is the boat seaworthy enough to be safe? An acquaintance with the craft prevalent along his shore is a good key to the solution of this problem.

Is there sufficient cabin accommodations for comfortable living aboard? Or does he need more cockpit space for fishing, with the cabin put to use only on occasional weekends?

If he intends to trail his boat and store it in the garage, is the garage large enough to handle the rig?

Every boatman, or potential boatman, has his own set of specifications for a boat. But carrying them around in his head is dangerous because some item will certainly be overlooked. The boat buyer will do well to determine his requirements and his limitations before going to the local Boat Show, or studying this directory.

The list following is intended to assist the individual boat buyer in devising his own set of qualifications.

QUESTIONS THE BOAT BUYER SHOULD ASK OF HIMSELF

1. How large will my crew be? If the boat is for family cruising, what is the minimum size acceptable? Accommodations required?
2. Is the boat for fishing, or cruising, or racing, or water skiing, or a combination of two or more of these?
3. How much time can I spare for maintenance?
4. How much can I afford to pay for boat, motor, accessories, maintenance and insurance?

FACTORS TO CHECK IN CONSIDERING A BOAT

1. Is it designed and constructed for offshore or sheltered waters?
2. Is the type of construction and the materials the best, or at least acceptable, for my purposes?
3. How does it compare in design and construction with other boats on the waters to be sailed?
4. Is the wood properly selected and seasoned for those waters? Are the fastenings non-corrosive for salt water service? If it is fiberglass, are there flaws (pin holes, ragged seams), and sufficient stiffening frames? If it is metal, are there adequate flotation tanks?
5. Is the power plant suited to the type and size of the boat?
6. Is the engine easily accessible for repairs?
7. Are spare parts available?
8. Is fuel consumption excessive?
9. Are accommodations acceptable to all who will be using the boat? Private toilet facilities? Galley space? Ice box? Full length berths? Head room? Stowage space?
10. Is there adequate cockpit space? Room for fishing or lounging?
11. What are the estimated maintenance costs in a year for hull and machinery?
12. What is the estimated resale value?
13. What are the boat's trailing characteristics?
14. What provisions will have to be made for laying-up?
15. Is the boat locally built, and what are delivery charges, freight, etc.?

Don't forget to consider a trailer, accessories like deck hardware, lights, life jackets, etc., and taxes and insurance, plus shipping charges in computing total cost.

And then, *bon-voyage.* — ⚓

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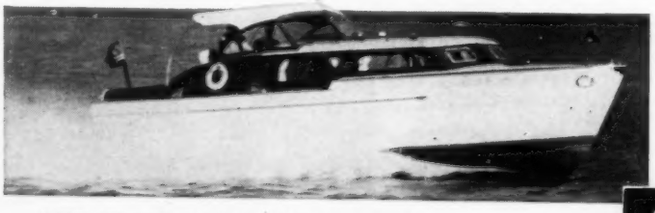

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15'x64"x30", hull weight, 370 lbs. For motors to 40 HP with top speed of 30 mph at that HP. Fiberglass boat carries 5, has walk-through center deck, and Styrofoam flotation. Price, $699. Accessories available.

MFR., Aero-Glas Boat Co., 1725 Stehower St., Grand Rapids, Mich.

ALUMA-CRAFT BOAT CO.

RB—OUTBOARD

11'7"x54". Weight, 130 lbs. Aluminum boat for fishing or top speed runs. Takes up to 18 HP outboard motor, has carrying capacity of 540 lbs. Positive flotation air-chambered seats give maximum usable space. Extruded gunwales interlock to the transom carrying handles for strong stern support for motor. Price, $328. Forward deck available as an accessory.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

R—OUTBOARD

11'7"x54". Weight, 139 lbs. Extruded gunwales interlock with cast aluminum carrying handles for appearance and strength. Pre-formed one-seam aluminum construction, double riveted. Takes up to 18 HP outboard motors. Price, $361. Includes forward deck. Control deck, remote steering and wrap-around windshield are available accessories.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

DUCKER

12'x42". Weight, 67 lbs. Designed for duck hunters, this aluminum boat has blind loops, through-deck push pole tubes, self draining deck and silent oar locks. it is also camouflaged for easy concealment. Two person capacity. Price, $249. Motor bracket mount is an available accessory.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

E—BOAT

12' x 49". Weight, 115 lbs. Aluminum combination hunting and fishing boat takes up to 12 HP outboard motor. Two piece preformed hull of reinforced double-rivet construction. Flush carrying handles and oar locks. Available in natural aluminum or dead grass camouflage. Price, $274.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

F—BOAT

13'11"x54". Weight, 175 lbs. Aluminum construction, takes up to 20 HP outboard motor, with carrying capacity of 660 lbs. Suitable for fishing or as a runabout with accessories. Longitudinal keelsons and under-seat transverse frames for strength and rigidity. Price, $378. Accessories available include forward deck, sidemount control decks, anchor cradle.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

A—BOAT

14'x49". Weight, 130 lbs. Aluminum fishing boat takes up to 12 HP outboard motor. Full length, extruded, double riveted keel. Interlocking construction throughout. Air chamber seats for positive flotation. Carrying capacity, 637 lbs. Price, $299.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

FD—BOAT

14'x55½". Weight, 204 lbs. Aluminum boat has carrying capacity of 700 lbs., takes up to 35 HP outboard motor. Exclusive "Aqueduct" provides drainage of excess water and doubles as transom support. Easily mounts two motors. Full length extruded keel, double-row riveted to preformed hull sections. Makes a trim runabout with optional decks and steering. Price, $429. Accessories available are sidemount control decks, wrap-around windshield, walk-through forward decks.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

FLYING D

14'x55½". Aluminum runabout designed for family runabout and skiing. Upholstered cockpits with split center "walk through." "Aqueduct" transom supports up to 35 HP outboard motors. Carrying capacity, 700 lbs. Choice of three color combinations. Price, $655. Includes forward deck, center decks, upholstered seats and backrests.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

OPEN C

15'x62". Weight, 259 lbs. For motor, to 50 HP. Carrying capacity, 1002 lbs., aluminum construction. Heavily extruded keel double riveted to two piece preformed hull. Air-chambered, positive flotation seats arranged for maximum usable space. Transom supports single or dual motor installations. Price, $579. Back rests, cushions, side mount control are available accessories.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

DEEP C

15'x62". Weight, 276 lbs. Aluminum construction features extruded keels, spray rails and gunwales. Excellent for deep water and rough weather. Recessed forward deck. Longitudinal extruded keelsons and transverse under-seat frames. O.B.C. rated for 60 HP, carrying capacity, 1002 lbs. Price, $667. Wrap-around windshield, steering wheel, upholstered back rests, cushions, convertible top and running lights are available as accessories.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

FLYING C

15'x62". Weight, 400 lbs. Aluminum construction with carrying capacity of 963 lbs., takes up to 60 HP outboard motors. Long forward deck with twin center decks for easy walk through. Completely upholstered cockpit. Price, $798, includes forward deck, running lights, steering wheel, upholstered seats and seat backs. Wrap-around windshield and convertible top are available accessories.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

SUPER C & CS

15'x62". Weight, 400 lbs. Takes up to 60 HP outboard motors, carrying capacity is 963 lbs. Aluminum construction. Full length extruded spray rails reduce splash, aid cornering. Roomy, enclosed cockpit is fully upholstered. Running lights, cleats, steering wheel are included in $965 price. Wrap-around windshield and convertible top are available as accessories.

MFR., Aluma Craft Boat Company 1515 Central Ave., N.E., Minneapolis 13, Minn.

K—BOAT

16'x56". Weight, 225 lbs. Takes up to 35 HP outboard motor. Aluminum boat has carrying capacity of 890 lbs. "Aqueduct" gives added transom strength for heavy motors. Full length extruded keel and spray rails. Longitudinal keelsons, diagonal bow stiffeners and under-seat transverse frames add to hull strength. Price, $499. Available accessories are forward and control decks.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

CRUISEABOUT

19'x78". Takes up to 120 HP in twin outboard motor installations. Aluminum construction. 68 sq. ft. cockpit has rope lockers and storage compartments. Wrap-around windshield, self-draining deck with highly-polished gunwales and coamings. 20" transom. Upholstered cockpits with aluminum "hammertone" finish flooring. Price, $2,398.

MFR., Aluma Craft Boat Company, 1515 Central Ave., N.E., Minneapolis 13, Minn.

AMERICAN BOATBUILDING CORP.

BB FLYER

12'3"x56½" one piece fiberglas runabout. Weighs 255 lbs. For motors from 5 to 16 HP. Top speed 20 mph. Includes 6 passenger quarter seats, one towing grommet, 2 stern grommets, oarlocks, and stainless steel outboard bracket.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB BAITCASTER

13'7"x6'2" one piece fiberglas runabout. Weighs 480 lbs. For motors of 10 to 40 HP. Top speed 35 mph. Carries 7 passengers. Mahogany deck, rails, seats. Solid floorboards throughout. Walk through back seat. Watertight storage compartments under stern quarter seats. Color molded into outside of hull, 2 glove compartments in dashboard, 1 cross seat forward, 2 stern quarter seats. Price, $695.95 including wrap around plexiglass windshield, bow chock, mooring cleat, outboard bracket. Accessories: steering wheel with pulleys, lines, and tighteners, $45; lift handles, $12 per pair; styrofoam flotation, $11.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB 15' RELAXER

15'3"x61" one piece fiberglas runabout. Weighs 285 lbs. For motors from 10 to 40 HP. Does 30 mph at 25 HP. Carries 6 adults. Has molded cowling for mount-

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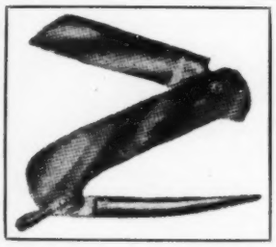

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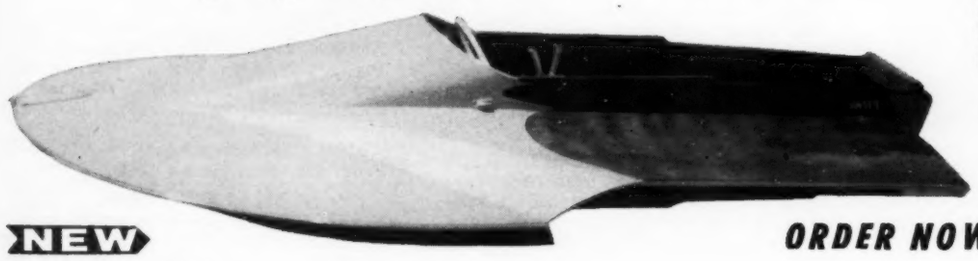

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ing wheel. Styrofoam flotation. Colors molded in deck and outside of hull. Molded in spray rail. 2 cross seats, 2 stern quarter seats. Price, $687.75 including floorboards, bow chock, mooring bit. Accessories: monel rub rail, $24; stainless steel outboard transom plate, $11.70; oar locks, $7.50; steering wheel with pulleys, line, and tighteners, $45; hinged back seats, $19 per pair; 8′ varnished oars, $11.70 per pair; khaki cockpit cover, $68.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB 21 OPEN BASS BOAT

21′x8′2″x14″ outboard. Weighs 1700 lbs. Handles twin 30 or twin 40 HP motors. Top speed 25 mph with twin 30's. Carries 4 to 8 passengers. Molded in colors. Has 3′6″ freeboard. Price, $3040 with navigation lights, deck hardware, battery and Fiberglas battery box, motor well. Accessories: canvas canopy, $150; shipping crate, $45.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB 21 CUDDY CABIN MODEL

21′x8′2″ one piece Fiberglas outboard cruiser. Can handle twin 30 or twin 40 HP motors.Top speed 20 mph with twin 30's. Sleeps 2, has head. Colors molded in outside of hull, deck, and cabin top. Mahogany house sides. Self bailing cockpit. Large window forward, 1 on each side. Cabin is 7′x6′3″, headroom 5′. Twin 6′3″ bunks. Boat designed by Eldredge-McInnis. Price, $3495 with motor well, lights, deck hardware, battery and Fiberglas battery box. Accessories: canvas canopy, $150; shipping cradle, $45.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB 21 FULL CABIN MODEL

21′x8′2″ one piece Fiberglas outboard cruiser. Can be powered by twin 30 or twin 40 HP motors. Top speed 20 mph. Sleeps 2, 4 optional. Has galley and completely enclosed head. 6′ headroom in cabin; twin 6′3″ bunks, smaller ones may be installed above. Large 8′x7′ cockpit. Colors of outside hull, deck, and cabin top molded in. Mahogany house sides. Self bailing cockpit. Large window forward and 1 on each side. Boat designed by Eldredge-McInnis. Price, $4495 complete with fully equipped galley, foam rubber mattresses, lights, deck hardware. Accessories: canvas canopy, $150; shipping cradle, $45.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

ATLANTA BOAT WORKS

TORPEDO

14′6″ x 61″, weight of hull, 345 lbs. For outboards to 40 hp. Top speed of 36 mph is reached with this power. The boat carries 5, is made of marine plywood with metal transom brackets, epoxy resin finish, contour windshield, customized accessories, geared steering and vinyl upholstery. Price, $647.

MFR., Atlanta Boat Works, Pylant St., N.E., Atlanta 6, Ga.

SEA FLASH

13′6″x60″, hull weight, 265 lbs. For motors up to 40 hp, with top speed of 40 mph. Carries 3. Hull of marine plywood. Has contour windshield, geared steering, and stern handles. Price, $579.

MFR., Atlanta Boat Works, Pylant St., N.E., Atlanta 6, Ga.

AVALON

15′9″ x 69″, hull weight is 510 lbs. For use with motors ranging to 60 hp, top speed is 42 mph at 60 hp. Carries 6, hull is of marine plywood. Features include contour windshield, gear-steerer and vinyl upholstery. Price, $797. Accessories available.

MFR., Atlanta Boat Works, Pylant St., N.E., Atlanta 6, Ga.

BARBOUR BOATS, INC.

12′ UTILITY

12′2″x59¼″, hull weight, 210 lbs. Utility for motors from 5 to 25 HP, with top speed of 30 mph at 25 HP. Carries 4, hull mahogany planked. Price, $395 with center deck. Accessories are back rest, brass half oval, steering wheel, windshield, top and side curtains, mooring cover and bow locker.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

14′ UTILITY

14′2¾″x63″, hull weight, 300 lbs. For motors from 10 to 35 HP, at which top speed is 32 mph. Carries 5, hull mahogany planked. Price, $500. Accessories are back rest, brass half oval, steering wheel, windshield, top and side curtains, mooring cover and bow locker.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

VACATIONER

15′3½″x66½″, hull weight, approximately 400 lbs. For motors from 18 to 35 HP, with top speed of 32 mph at 35 HP. Carries 5, hull mahogany planked. Price, $545. Accessories include back rest, brass half oval, steering wheel, windshield, top and side curtains, mooring cover and bow locker.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

16′ VACATIONER

16′2″x6′1″, for motors from 25 to 70 HP, at which top speed is 36 mph. Boat carries 6, has mahogany planked hull. Features steering wheel, all chrome fittings, stern and bow lights, bow chocks, cleats,

chrome bumper guard, plexiglas wrap-around windshield, forward storage compartment and anti-fouling paint. Price, $895. Accessories are cushions, canopy top, side curtains, cockpit cover, drop curtain, mooring cover, drain plug and back rest for rear seat.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

16′ SILVER CLIPPER

16′3″x6′3″, for motors from 35 to 70 HP, at which top speed is 36 mph. Carries 6, mahogany planking, anti-fouling paint, forward and aft cushions, steering wheel, all chrome fittings, stern and bow lights, bow chocks, cleats, chrome bumper guard, plexiglas wrap-around windshield, forward storage compartment, self-draining motor well and cockpit. Price, $1,125. Accessories are opening wooden windshield, canopy top, cockpit cover, drop curtain, mooring cover, drain plug and optional seating.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

19′ SILVER CLIPPER

19′2″x6′10½″, for motors from 35 to 70 HP, at which top speed is 34 mph. Carries 8, hull of mahogany planking. Features anti-fouling paint, cushions, steering wheel, all chrome fittings, stern and bow lights, bow chocks, cleats, chrome bumper guard, plexiglas wrap-around windshield, forward storage compartment and self-draining motor well and cockpit. Price, $1,500. Accessories: toilet, opening wooden windshield, top, side curtains, cockpit cover, drop curtain, mooring cover, reclining seats and optional seating.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

SILVER CLIPPER SPORTSMAN

22′x7′6″, for motors from 35 to 75 HP, with top speed of 32 mph at 70 HP. Has head, windshield, lifting rings, running lights, cushions, steering wheel, forward storage compartment, anti-fouling paint, all chrome fittings, bow chocks, cleats, chrome bumper guard, self-draining cockpit and motor well. Price, $2,000. Accessories include canopy top, side curtains, cockpit cover with motor pocket, drop curtain, toilet and double bottom.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

SILVER CLIPPER

22′x7′6″ Hardtop and convertible cruiser for motors from 35 to 75 HP, with top

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Models available from the MARK V, 160 H.P. to and including the MODEL CM 300, the 300 H.P. world's record holder for Class F service runabout.

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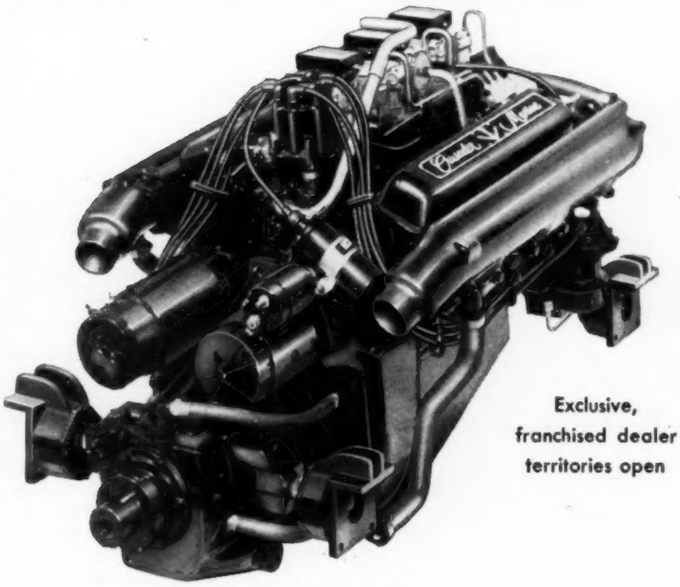
STANDARD EQUIPMENT: Warner "Velvet Drive" hydraulic transmission. 100% adjustable rubber engine mounts. Cast iron exhaust manifolds. Water over-board elbows. 12 Volt electrical system. 140° re-circulating automatic temperature control. Vacuum operated triple carburetors; full flow oil filter; separate engine and reverse gear oil coolers; approved flame arrestors; exhaust valve rotators; power take-off shaft; enamel paint finish; crated; standard or opposite rotation optional.



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There's a NEW LOOK in Outboards!

It's the *Glastron* look!

Glastron captures the look of tomorrow in the dashing lines of its 1958 fiberglass outboards! Racy rear fins, distinctive spray-proof bows, long sleek hulls with MYLAR side panels mean immediate sales appeal! Above is the Glastron 15-foot FIREflite;* right, the 17-foot SEAflight,* two reasons for 1958 being the greatest Glastron year ever!

*PAT. PENDING

SKIflite*—Versatile 14 and one-half foot speedster. Designed for those who want an all-around sports model.

Glastron®

STANDARD GLASS PRODUCTS, INC.
P. O. BOX 9211, AUSTIN, TEXAS

CHICAGO BOAT SHOW, Booths 1031-1036

speed of 32 mph at 70 HP. Hull is lap-strake, brass fastened over oak frames. Sleeps 2, has head. Features windshield, lifting rings, running lights, cushions, steering wheel, forward storage compartment, anti-fouling paint, all chrome fittings, stern and bow lights, bow chocks, cleats, chrome bumper guard, self-draining cockpit and motor well, and top and side curtains. Price, $2,420. Accessories include drop curtain, toilet, double bottom and cockpit cover with motor pocket.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

BEALL BOAT SHOP

BEALL BOAT

14′ x 63″ molded hull runabout with a 60″ foredeck, walk through cockpit, and controls forward.

MFR., Beall Boat Shop, Box 388, Route 2, Severna Park, Maryland.

BELLINGHAM SHIPYARDS

13′ DELUXE RUNABOUT

13′9″x65″. Weighs approx. 375 lbs. Upholstered twin cockpits.

MFR., Bellingham Shipyards Co., Bellingham, Wash.

BELL BOY 16′ RUNABOUT

15′11″ x 72″. Weighs approx. 527 lbs. Bellglas, chrome-trimmed.

MFR., Bellingham Shipyards Co., Bellingham, Wash.

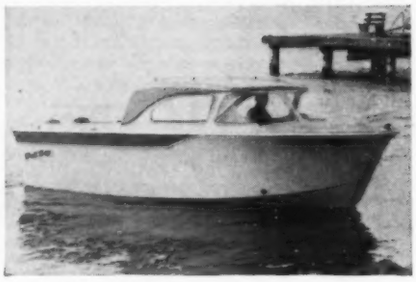
16′ BELL BOY EXPRESS

15′11″ x 72″. Weighs approx. 575 lbs. Chrome trim and fittings. Has a low trunk closed cabin with flying bridge, two bunks forward, built-in stowage, optional convertible top. Can use an outboard motor.

MFR., Bellingham Shipyards Co., Bellingham, Wash.

18′ HARDTOP

18′3″x7′2¼″. Weighs approx. 1,300 lbs.



Bellglas two-tone colors and chrome trim. Removable top.

MFR., Bellingham Shipyards Co., Bellingham, Wash.

BELL BOY 18′ EXPRESS

18′3″ x 7′2¼″. All Bellglass, chrome fittings and two-tone colors. Has two bunks forward, stowage, head, and enclosed motor well for outboard power.

MFR., Bellingham Shipyards Co., Bellingham, Washington.

BERGLUND & BLACK

BERGLUND SPORTS-NIGHTER

15′11″ x 72½″, weight 465 lbs., of plywood on mahogany frame construction, a new dual purpose cruiser with convertible over-night sleeping accommodations; also available in "sports-skier" and "sports-fisher" models. Prices from $850 to $1,350.

MFR., Berglund & Black, Wilmington, Illinois.

OTIS C. BORUM BOATS

ELDORADO

15′x74″. Weighs 425 lbs. Has a V shaped bottom. Planking material, mahogany plywood. Seating capacity 5. For up to 60 HP motors. 10 other runabout models available from 14′ to 16′ long.

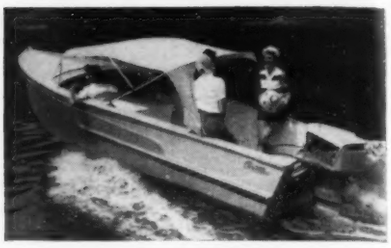
MFR., Otis C. Borum Boats, Inc., P. O. Box 1164, Jacksonville, Fla.

CABALLERO 18′

18′ all-mahogany utility-type runabout has padded full-length bunk extending under new wide-flared deck. Standard equipment includes vented windshield, lights, hardware, steering, remote controls, mast, cushions, top and fold-away tables. Boat also has motor hatch and forward deck hatch.

MFR., Otic C. Borum Boats, Inc., P.O. Box 1164, Jacksonville, Fla.

CADILLAC MARINE & BOAT CO.



CAPRI MODEL 947

17′ x 84″, hull weight, 450 lbs. For use with motors of 120 hp, boat has aluminum hull, windshield, steering, and cushioned seats with backs; convertible top and deck hardware. Price, $1,298.

MFR., Cadillac Marine & Boat Co., Cadillac, Mich.

CARTER CRAFT CORP.

14′ SEA LARK

14′ long, with 70″ beam. Price includes upholstery, top and windshield.

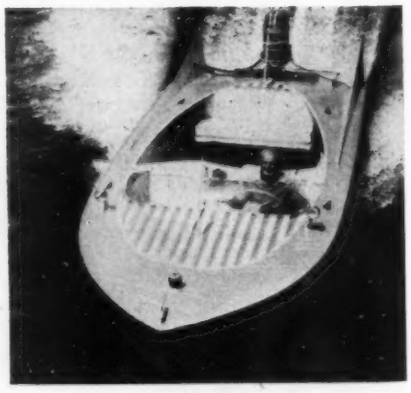
MFR., Carter Craft Corp., Panama City, Fla.

16′ FLAMINGO

16′ long, with 78″ beam. Includes 2 upholstered bunks, windshield and top, and also has storage compartments back of the front seats and 2 port lights on either side for ventilation.

MFR., Carter Craft Corp., Panama City, Fla.

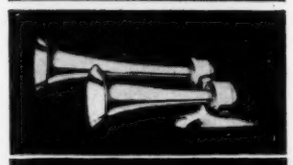
CASEY CRAFT



20′ DELUXE

For large inland lakes & offshore fishing.

the Finest... Ship N Shore HORNS



Deluxe all-metal construction. Lustrous, gleaming triple-plated, Chrome on solid metal base. All movable parts brass. Precision-engineered and manufactured. For all boats—Small, Large, Power or Sail.

"SEASPORT" Superb styling. Over 800 strong, clear, musical 1 to 2 mile signals per "Energy Pak." Sold complete with "Energy Pak" and Dash Control Fittings. $24.50

"SEACRUISER" Designed for remote control installation. The ultimate in splendor. A regal horn with flowing, tapered 8" and 10½" dual trumpets. Over 300 clear, strong, throaty 3 to 4 mile signals per "Energy Pak". Sold complete with "Energy Pak", Dash Control Fittings and standard length 8 ft. Remote Control Hose. 100 ft. coils of hose also available—12c per ft. $45.00

"SEACRUISER FIVE"—same as above only with 5" Trumpets $37.00

"SHIPMATES" Dual-toned, twin-horned streamlined jewel. Over 300 strong, clear 2 to 3 mile signals per "Energy Pak". Sold complete with "Energy Pak" and Dash Control Fittings. $34.50

"SHIPMATES DELUXE" . . . with 8" and 10½" Seacruiser Trumpets. Over 300 throaty 3 to 4 mile signals. $42.50

"SPORTY" Same top Ship N Shore qualities—but portable. Over 800 strong, clear, resonant 1 to 2 mile signals per "Energy Pak". Sold complete with "Energy Pak". Available bracket converts "Sporty" to stationary boat horn.

$17.95—Bracket 50c

Sound off...with the Best,

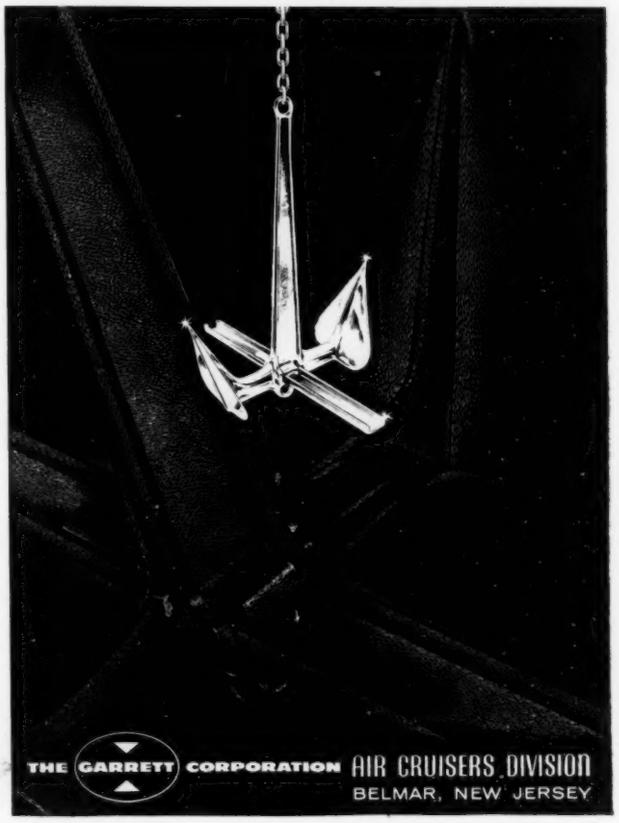
Ship N Shore

50c higher on all models West of the Mississippi River.

FERRELL MANUFACTURING CO.
Groton, New York

NORTHILL

DIGS FAST...HOLDS FAST...BREAKS OUT EASY



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KING'S CRUISER FOR 1958

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Minimum Freeboard 1'11"—Displacement 5,070 Lbs.—Weight Keel 2,205 Lbs.
SAIL AREA 300 Sq. Ft.—GENOA JIB 170 Sq. Ft.—HEAD ROOM 5'3"
Comfortable Cruising Accommodation for four. For the racing skipper—exceptional speed and performance. Designed for American yachtsmen. Built in Sweden to highest standards of construction. Over 80 are cruising and racing in U. S. waters.

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Fastens in seconds to your transom, and throw out a beautiful spray, giving the illusion of high speed, (just like unlimited class hydroplanes). Made of Stainless steel and corrosion resistant aluminum alloy. Adjustable to spray up or down, in or out, and can be flipped out of the way when not in use. Completely free of nuisance factor. Impossible to spray other boats or spectators.

$9.95 a pair ppd. or see your marine dealer.

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*Trademark and Pat. Pend.

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FREE—Write today for literature, prices and nearest dealer.

SAGEN BOAT HOIST COMPANY
WEEDSPORT, NEW YORK

MFR., Casey Craft, Box 175, Mermantau, La.

20′ CRUISER

DeLuxe & utility models.
MFR., Casey Craft, Box 175, Mermantau, La.

20′ UTILITY

Only outboard built of steel.
MFR., Casey Craft, Box 175, Mermantau, La.

CAVALIER BOATS DIV. CHRIS-CRAFT CORP.

16′ CAVALIER SPORTS UTILITY

15′11″ x 79″, hull weight, 625 lbs. For motors from 25 to 70 hp. Top speed is 30 mph at 70 hp. Carries 6; marine plywood hull. Features include open cockpit with step-through seat back and storage under aft deck. Price, $935.
MFR., Cavalier Boats Division, Chris-Craft Corp., Pompano Beach, Fla.

16′ CAVALIER SEMI-ENCLOSED CRUISER

15′11″ x 79″, for use with motors ranging from 25 to 70 hp. Top speed is 28 mph at 70 hp. Hull is of marine plywood. Sleeps 2, head optional. Features include one-piece fiberglass cabin roof and open style cockpit and cabin. Price, $1,130.
MFR., Cavalier Boats Division, Chris-Craft Corp., Pompano Beach, Fla.

19′ CAVALIER SPORTS EXPRESS

19′x85″, for use with motors ranging from 35 to 120 hp, top speed of 32 mph. Hull is of marine plywood, sleeps 2. Features include one-piece fiberglass cabin roof and wrap-around windshields. Cooking facilities and head are optional. Price, $2,065.
MFR., Cavalier Boats Division, Chris-Craft Corp., Pompano Beach, Fla.

19′ SEMI-ENCLOSED CRUISER

19′ x 85″, recommended for use with motors from 35 to 120 hp, with top speed of 33 mph. Sleeps 2, cooking facilities and head optional. Hull is of marine plywood, features include open style cockpit and cabin, and one-piece fiberglass cabin roof. Price, $1,860.
MFR., Cavalier Boats Division, Chris-Craft Corp., Pompano Beach, Fla.

CHETEK BOAT CO.

AQUA STAR

14′x60″ walk-thru, outboard runabout.
MFR., Chetek Boat Co., Chetek, Wis.

DEL RAY

Length, 15′; beam, 63″; depth midship, 27″; weight (approx.), 370 lbs.; crated weight (approx.), 435 lbs. Features include completely molded hull, decking, flotation chamber and flared transom. Load rating recommended by manufacturer is four adults for this boat, which will take a 40 hp motor.
MFR., Chetek Boat Corp., Chetek, Wisc.

ESCAPADE

15′x63″ walk-thru, outboard runabout.
MFR., Chetek Boat Co., Chetek, Wis.

CHETEK CLINKER

Length 16′ around gunwale, beam 70″. All screw fastened with rubber base adhesive between the laps. Smooth on the

outside, no hammer marks. Smooth, clean interior with no fastening showing. It has been tested with HP ranges from 30 to 60. Available with convertible top at slight additional cost. Has bleached mahogany deck with darker mahogany trim. All deluxe chrome-plated hardware, c. p. bow light, c. p. stern light, c. p. ski pulls, c. p. step plates, ivory or yellow vinyl plastic upholstery with cushions to match, glove compartment in front deck. Two magazine or accessory pockets behind front seat back. Walk thru deck. Built-in compartments for battery and gasoline tank. Wrap around windshield. Ivory steering wheel to match upholstery. Two side seats along back in addition to two full width seats.
MFR., Chetek Boat Co., Chetek, Wis.

CONTESSA

Length, 18′; beam, 82″; depth midship, 37″; weight (approx.), 675 lbs.; transom 20″ standard, 15″ optional; crated weight (approx.), 1,000 lbs. Lapstrake construction, with each lap precision beveled by machine, assures perfect fit, made durable and leakproof by all-screw fastening with rubber base adhesive between each lap. Manufacturer recommends load rating of six adults, up to 90 hp motor.
MFR., Chetek Boat Corp., Chetek, Wisc.

CHRISBANK CORP.

HOLIDAY BOATS

Heading the line is the "Gull" a 17′2″x 7′11″ standard cruiser. A longitudinally framed, cross bulkheaded mahogany boat stressed for up to 200 HP. Also available in a deluxe model with convertible top, steering and seats. Other boats in the Holiday line are the 19′ "Sportsman," 17′ convertible "Tarpon," and 19′ Cruis-about "Kittywake." All these models feature fiberglassed bottoms for safety and reduced maintenance. Accessories available are seats, hardware, head, steering, convertible tops, sinks and stoves. Some models may be adopted for inboard power. Prices, "Kittywake," $1,895, "Gull" standard, $1,295, "Sportsman," $1,795, "Tarpon," $1,195, and "Gull" deluxe, $1,595.
MFR., Chrisbank Corporation, P.O. Box 111, Kissimmee, Fla.

COLONIAL BOATWORKS

14′ RUNABOUT

14′ walk-through runabout is built of ⅜″ treated marine plywood, and recommended for use with motors up to 35 hp. Features include wrap-around windshield, steering wheel, 2 full width seat cushions, U.S. Coast Guard approved life preservers, transom pad, mahogany foredeck, transom and gunwales, and semi-Vee bottom with spray deflecting chine. All hardware is triple chrome-plated. Price, $450, complete boat.
MFR., Colonial Boatworks, Inc., 441 Lexington Ave., New York 17, N.Y.

COMMODORE BOATS

COMMODORE BOATS

Included in the line are the following: 14′ Tern Outboard, the 16′ Gull Inboard or Outboard with the inboard featuring Fageol's new 35 HP motor. The 18′ Angler, also Inboard or Outboard, with the inboard having Fageol's 80 to 100 HP motor. Also make the 22′ Weekender.
MFR., Commodore Boats, Highway #17 South, New Bern, N. C.

14′ TERN

14′3″x67″x60½″. Weighs 400 lbs. Speeds to 28 mph. Price, $695.
MFR., Commodore Boats, New Bern, N. C.

New Power-packed beauty

Here's another voice of the sea, by Kaar. The 37B, successor to the renowned 37 model, has rugged beauty with advanced circuitry. Only 15" by 9" by 10½", its five channels pack a 44-watt punch. Bulkhead or table-top installation is provided. The sturdy, driftwood grey cabinet has a new, ultra-tough epoxy base finish. The charcoal hood, optional in chrome at low cost, hinges up for servicing. Circuitry improvements include: speech clipper and filter, automatic noise limiter.

Other voices of the sea by Kaar include:
248, 50 watt, 5 channels
242A, 100 watt, 6 channels
222A, 150 watt, 9 channels

Kaar **ENGINEERING CORP.**
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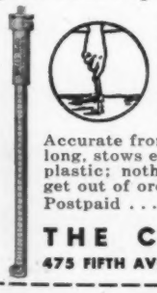
SPEED WAND . . . *tells your boat's speed in a jiffy*



Requires no drilling, mounting or installation. Just hold SPEED WAND over the side with the inlet head submerged for a few seconds . . . then lift it out and read your speed on the graduated scale. Accurate from 5 to 35 m.p.h. Just 13" long, stows easily in tackle box. Sturdy plastic; nothing to rust, wear out, or get out of order.
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Write today for Catalog showing hundreds of unique and practical accessories for boatmen.

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Send me ____ Speed Wands at $3.95 ea. I enclose ☐ check, ☐ money order.
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If you love a boat that looks and acts like a thoroughbred . . . a *different* boat of uncompromised excellence, you'll fall in love with Fleetform. Take a look . . . take a ride . . . then try to be satisfied with any ordinary boat!

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14 FT. COMMODORE OUTBOARD RUNABOUT

Superb family runabout — terrific ski boat.

Length	14' 1"	Approx. Wt.	450 lbs.
Beam	5' 3"	Seat Cap	5

19 FT. SPORTSMAN OFFSHORE OUTBOARD

Our flagship! Great new fishing or family boat.

Length	19'	Approx. Wt.	1100 lbs.
Beam	6' 9"	Seat Cap	7

15 FT. SPORTS HOLIDAY INBOARD

Super performance inboard for ski, sport use.

Length	15'	Weight	1200 lbs.	Speed	up to 36 mph
Beam	5' 3"	Seat Cap	5	Power	65 hp

NOW READY: SMART NEW 16-FT. OUTBOARDS!

See them at the New York and Chicago Boat Shows. Write for free literature.

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BOX 4106
HICKS FIELD
FORT WORTH 6, TEXAS

THE NEW STYLE STANDARD IN BOATING

16' GULL

16'3"x74"x61". Weighs 520 lbs. Speeds to 25 mph. Price, $890.

MFR., Commodore Boats, New Bern, N. C.

THE CONNECTICUT BOAT CO., INC.

SKIMMAR 12 FISHERMAN

12'x54½". Weighs 105 lbs. Clocked at 21 mph with a 7½ HP motor. An easily car topped boat.

MFR., The Connecticut Boat Co., Inc., 654 Steamboat Rd., Greenwich, Conn.

SKIMMAR 14 SKI BOAT

14'x54½". Weighs 132 lbs. It pulls skiers when powered with only 10 to 18 HP outboard. For '58, this boat will be all Monel fastened. Will have an improved bottom design.

MFR., The Connecticut Boat Co., Inc., 654 Steamboat Rd., Greenwich, Conn.

CRESTLINER, INC.

JETSTREAK 15

15' outboard runabout features all-aluminum hull with interior lining formed from same aluminum sheet as the topside. Rear seat is removable for open rear cockpit. Boat also has wrap-around windshield, full-circumference vinyl bumper strip, stern decking and tail fins, with turn signal lights, stern handles, steering cable pulleys and terminals built into the fins. Can take motors to 60 hp. Also in 14' model.

MFR., Crestliner, Inc. (formerly Larson Watercraft, Inc.), Little Falls, Minn.

EXPLORER 17 AND 19

17' and 19' aluminum outboard cruisers feature "Adjust-O-Top" providing 3 positions from tight against windshield, to maximum ventilation. It is replaceable with folding canvas top. Boat has stern storage compartment. Optional equipment, besides canvas top, includes berth mattresses, galley and head.

MFR., Crestliner, Inc. (formerly Larson Watercraft, Inc.), Little Falls, Minn.

FLYING CREST 17 AND 19

Available in 17' and 19' models, this aluminum cruiser features flat deck flooring; Converti-seat, with removable and reversible seat backs, and provisions for bunks under bow decking. Convertible top folds forward, out of the way, or is removable. Has stern storage compartment. Side and stern curtains are also available.

MFR., Crestliner, Inc. (formerly Larson Watercraft, Inc.), Little Falls, Minn.

CRIS-WOOD BOAT CO.

CARTOP

11'x50"x18", for motors to 10 HP. Has aircraft birch molded plywood hull and full length spray rails. Also available in 14'2", 14'8", 15'2" and 16'2" models with "Aero-Jet" 26½ HP inboard. Price: 11' model, $210.

MFR., Cris-Wood Boat Co., Inc., Seekonk, Mass.

CORVETTE

Has customized interior, upholstered seat backs and life preserver cushion seats. In 3 sizes: 12'2"x61", 14'2"x60", and 15'2"x65". Smallest model takes up to 25 HP, others take up to 50 HP. Features aircraft birch molded plywood hull, full length spray rails and mahogany decks. Prices: 12' model, $456; 14', $555, and 15', $586. Accessories available.

MFR., Cris-Wood Boat Co., Inc., Seekonk, Mass.

FISHERMAN

In 3 sizes: 14'2"x60", 14'8"x56", and 15'2"x 65". Model has walk-through front cockpit and extra large rear cockpit. Features aircraft birch molded plywood hull, full-length spray rails and mahogany decks. Prices: 14', $462; 15', $522. Also 16' with windshield, deck hardware, $750, and 18' with windshield and deck hardware, $850. Accessories for all models include windshield, steering, step pads, running lights, speedometer, remote controls, chrome trim and convertible top.

MFR., Cris-Wood Boat Co., Inc., Seekonk, Mass.

FIESTA

In 4 sizes: 12'2"x55", 14'2"x60", 14'8"x56" and 15'2"x65". Runabout has full center deck, 2 cockpits and motor well. Hull is of aircraft birch molded plywood, and features full length spray rails and mahogany decks. Smallest model is recommended for use with 20 HP, other models can take 50 HP outboards.

MFR., Cris-Wood Boat Co., Inc., Seekonk, Mass.

HOLIDAY

In 3 sizes: 12'2"x55", 14'2"x60" and 15'2"x 65". Boat features 3 seats with removable backs. Smallest model suitable for 20 HP motors, 2 larger models for 50 HP motors. Runabouts have aircraft birch molded plywood hull, full length spray rails and mahogany decks. Prices: 12' model, $326; 14' model, $396, and 15' model, $458. Accessories are available, including windshield, complete steering, step pads, running lights, speedometer, remote controls, chrome trim and convertible top.

MFR., Cris-Wood Boat Co., Inc., Seekonk, Mass.

CROSBY AEROMARINE

HYDRADYNE III WALKTHRU

14'x62½". Hull weighs 300 lbs. 5 to 50 HP. Top speed 38 mph. Capacity for 6. Hull 1 piece hand moulded fiberglas, with balsa wood flotation permanently moulded in. Decks resin finished & seats imported marine mahogany. Accessories available at extra cost: bowlight, sternlight, stainless frames, steppads, boatcover, windshield. Price, $615 including deck hardware, rubrails, tank & battery holdown, dual control mounts, boweye.

MFR., Crosby Aeromarine, Crabill, Ind.

CAPRI

15'11"x70". Weight, 425 lbs. 15 to 85 HP. Top speed 32 mph. Capacity: 6. Hull moulded fiberglas. Flotation of balsa wood permanently moulded in for non-working of the hull, imported mahogany decks finished with flexible resins. Moulded in spray rails. Accessories available at extra charge: bowlight, sternlight, snap-in upholstery, windshield, stainless framed steppads, boat cover.

MFR., Crosby Aeromarine, Crabill, Ind.

DOLPHIN CRAFT BOAT AND CANOE CO.

FISHERMAN

15'x54". Can use 15 HP motor. Top speed

of 23 mph. Carries 5. Has all cedar construction, brass fastened. Price, $245 including lifting handles, oar locks and bow ring.

MFR., Dolphin Craft Boat and Canoe Co., Belgrade Rd., Oakland, Me.

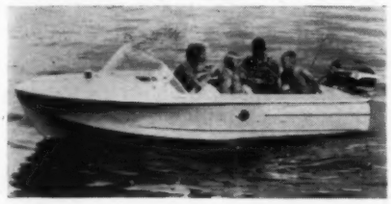
SKIPPER DELUXE

15'x56". Can use 25 HP motor. Top speed of 30 mph. Carries 6. Has all cedar construction, either canvas or fiberglas cov-

ered. Stock colors: red and white, blue and white, green and white, inside and decks natural finish. Price, $450 including forward and center deck, steering wheel, windshield, back rests, floor racks, lifting handles. Available accessories: cushions and life preservers.

MFR., Dolphin Craft Boat and Canoe Co., Belgrade Rd., Oakland, Me.

DORSETT PLASTICS CORP.



BELMONT LUXURY RUNABOUT

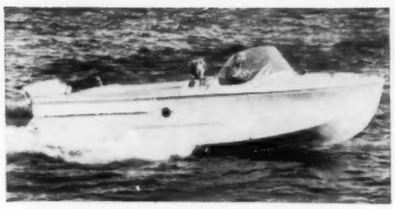
14'3"x72", hull weight, approximately 375 lbs. Carries 6, is suitable for motors up to 60 hp. Hull is of Isophthalic fiberglass; features include vinyl-upholstered coiled innerspring seats, walk-through seat backs, self-bailing motor well, steering, wrap-around windshield, combination and 24" all-around lights. Price, $959. Accessories are convertible top and cover.

MFR., Dorsett Plastics Corp., 845 Reed St., Santa Clara, Calif.

EL DORADO RUNABOUT

14'3"x72", hull weight, approximately 400 lbs. Carries 6, is suitable for use with motors ranging to 40 hp. Hull is of Isophthalic fiberglass, and features include vinyl-upholstered coiled innerspring seats, walk-through center deck, self-bailing motor well, steering, wrap-around windshield, combination and all-around lights. Price, $1,049. Accessories are convertible cover and top.

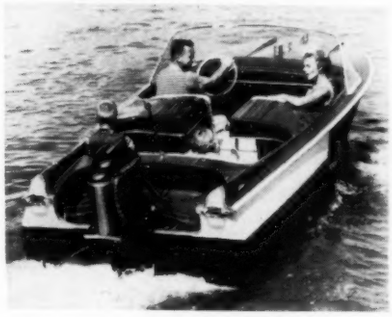
MFR., Dorsett Plastics Corp., 845 Reed St., Santa Clara, Calif.



SARATOGA LUXURY RUNABOUT

15'11½"x79", hull weight, approximately 575 lbs. For motors from 40 to 60 hp, this boat carries 6, has hull of Isophthalic fiberglass, coiled innerspring vinyl-upholstered seats and self-bailing motor well. Also steering, wrap-around windshield, combination and all-around lights wired to switch. Price, $1,259. Accessories available are auto-style hardtop convertible and convertible top and cover.

MFR., Dorsett Plastics Corp., 845 Reed St., Santa Clara, Calif.



EL REY RUNABOUT

15'11½"x79", hull weight approximately 600 lbs. For motors ranging from 40 to 60 hp. Runabout carries 6, is made of Isophthalic fiberglass and has coiled innerspring seats vinyl-upholstered, walk-through center deck and self-bailing motor well. Includes steering, wrap-around windshield, and regulation lights. Price, $1,359. Accessories include auto-style hardtop convertible and convertible top and cover.

MFR., Dorsett Plastics Corp., 845 Reed St., Santa Clara, Calif.

MONTEREY EXPRESS CRUISER

15'11½"x79", for use with motors from 40 to 60 hp. Sleeps 2, has disposable type head. Hull is of Isophthalic fiberglass with bow flotation chamber and double bottom. Self-bailing motor well is suitable for twin motors. Features include mahogany side panels, cockpit storage, mahogany binnacle and mahogany double-door on cabin; also steering and wiring, vinyl-covered mattresses, cabin light, combination and all-around lights wired to binnacle switch. Price, $1,649. Accessories include convertible top and cover.

MFR., Dorsett Plastics Corp., 845 Reed St., Santa Clara, Calif.

FARALLON EXPRESS CRUISER

20'x96", for motors up to 60 hp. Hull is made of Isophthalic fiberglass, has semi-vee bottom, and bow flotation chambers. Sleeps 4, has marine toilet and stove, sink, ice box and water tank. Features include vinyl-upholstered mattresses, hanging locker, forward hatch, covered motor mounts, perforated headliner, steering and wiring, cabin lights, and combination and all-around lights wired to binnacle box. Price, under $3,300. Accessories available are convertible top and cover.

MFR., Dorsett Plastics Corp., 845 Reed St., Santa Clara, Calif.

DUNPHY BOAT CORP.

PERCH

12'x50". Weight of hull 130 lbs. Can use 17 HP motor. Carries 500 lbs. Molded mahogany plywood hull. Constructed with complete cross banding, five ply mahogany. Price, $320 including bow handle, chocks, cleat, tow bolt, and transom band.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

TROUT

13'8"x50". Weight of hull 165 lbs. Can use 20 HP motor. Carries 585 lbs. Molded mahogany plywood hull. Features complete cross banding, five ply mahogany construction. Price, $345 including bow handle, chocks, cleat, tow bolt and transom band.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

ROBALO

14'2"x62". Weight of hull 370 lbs. Can use 50 HP motor. Carries 850 lbs. Molded mahogany plywood hull. Features complete cross banding, 7 ply mahogany construction. Price, $620 including bow handle, chocks, cleat, tow bolt and transom band.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

BONITO

14'2"x56". Weight of hull 335 lbs. Can use 35 HP motor. Carries 750 lbs. Molded mahogany plywood hull. Features complete cross banding, 7 ply mahogany construction. Price, $565 including bow handle, chocks, cleat, tow bolt and transom band.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

PICKEREL

14'x54". Weight of hull 230 lbs. Can use 30 HP motor. Carries 685 lbs. Molded mahogany plywood hull. Features complete crossbanding, 7 ply mahogany bottom, balance 5 ply construction. Price, $420 including bow handle, chocks, cleat, tow bolt, and transom band.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

SHAD

14'x54". Weight of hull 250 lbs. Can use 30 HP motor. Carries 685 lbs. This boat features complete cross banding, 7 ply mahogany bottom, balance 5 ply construction. Price, $445 including bow handle, chocks, cleat, tow bolt, and transom band. Accessories available.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

MUSKIE

15'10"x66". Weight of hull 430 lbs. Can use 50 HP motor. Can carry 950 lbs. Molded mahogany plywood hull. Features complete cross banding, 7 ply mahogany construction. Price, $685 includ-

ing bow handle, chocks, cleat, tow bolt and transom band.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

DURACRAFT BOATS, INC.

9′ PRAM

The Duracraft "Pram" is a stubby version of the popular shallow-draft "Fisherman," being a square bow utility and fishing boat. It may be carried aboard larger cruisers and serves well on stock ponds and in small lakes and streams. Made of .058 gage aluminum and finished in green or white enamel, the Pram weighs only 70 lbs., length 9′, bottom 32′, side 15″, beam 47″. HP 3½, capacity 2.

MFR., Duracraft Boats, Inc., Monticello, Ark.

SPORTMAN DELUXE

Has steering controls and covered foredeck. Rounded chine, flat planing surface design, stretch-formed of .064 gage aluminum, in two-tone finish of baked-on vinyl. Weight: approx. 240 lbs., 14′x60″. HP 50, carries 5 passengers.

MFR., Duracraft Boats, Inc., Monticello, Ark.

DURA-FLITE SUPREME

15′x66″x30″. Walk through front seat, full width back seat. Takes up to 35 HP outboard engine.

MFR., Duracraft Boats, Inc., Monticello, Ark.

DURASWEEP

A new intermediate size cruiser. Closely resembling the 19′ Dura-Cruise, is shorter, narrower and lighter than its sister ship. Equipment includes two-tone, custom-fitted upholstery and steering controls; windshield and convertible top are optional items. Single or twin outboard installations. Weighs 550 lbs., 17′x28″. Uses from 30 to 80 HP Carries 8 persons.

MFR., Duracraft Boats, Inc., Monticello, Ark.

DURATECH MFG. CORP.

PRAMLINE

A series of lightweight 8′, 9′ and 11½′ aluminum prams.

MFR., Duratech Manufacturing Corp., Route 202, Peekskill, N. Y.

SEALINE S-148 UTILITY

Aluminum utility. Length 13′9″; beam 62″; weight approx. 150 lbs. Rated for 15 HP.

MFR., Duratech Mfg. Corp., Peekskill, N. Y.

SEALINE MODEL S-168 RF

16′, wide beam fishing runabout with front steering, front seat, upholstered walk-through back rests and full rear floorboard. Price, $650.

MFR., Duratech Manufacturing Corp., Route 202, Peekskill, N. Y.

SEALINE MODEL S-168 RD

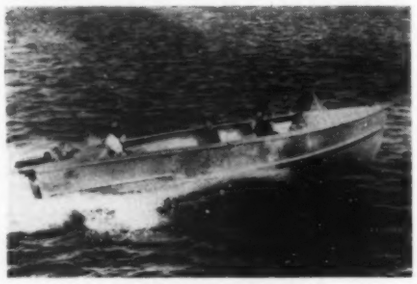
A wide beam, 16′ deluxe runabout featuring full seat and back rest upholstery. Rated for use with motors up to 50 hp. Includes bow, side and stern "Duradecking" and self-bailing motor well. Price, $825.

MFR., Duratech Manufacturing Corp., Route 202, Peekskill, N. Y.

SEALINE MODEL S-198 RF

Open water all-aluminum 19-footer designed for single or twin outboard installation. Has 44″ bow, 85″ beam. Upholstered front seats with walk-through back rests, side seats and 36 sq. ft. floorboard area for fighting chair installations. Price, $1,450.

MFR., Duratech Manufacturing Corp., Route 202, Peekskill, N. Y.



SEALINE S-198RD

Aluminum runabout with length 19′, beam 85″; weight approx. 650 lbs. Rated for 80 HP.

MFR., Duratech Mfg. Corp., Peekskill, N. Y.

CHARLES E. EATON

CLIPPER LINE

12′ and 14′x50″ to 60″. Weight of hull 140 to 167 lbs. Can use 5 to 40 HP motor. Top speed of 33 mph at 40 HP. Carries 3 to 6. Aluminum hull. Equipped with windshield, seat cushions, steering wheel, cockpit covers. Price, $279 to $995.

MFR., Charles E. Eaton, RFD #5, Portland, Maine.

ECONETTE CRUISERS

R-15 RUNABOUT

15′8″x6′1″ arc bottom runabout. Will take up to 50 HP motor. Sheet plywood construction; oak frames; mahogany trim.

MFR., Econette Cruisers, CMR 116, Peoria, Ill.

E-15 CRUISER

15′7″x5′6″ arc bottom cruiser. Will take up to 16 HP motor. Sheet plywood construction, oak frame. Sleeps 2.

MFR., Econette Cruisers, CMR 116, Peoria, Ill.

E-18 CRUISER

18′x6′5″ arc bottom cruiser. Will take up to 30 HP motor. Sheet plywood construction. Motors in wells. Sleeps 4.

MFR., Econette Cruisers, CMR 116, Peoria, Ill.

C-21 CRUISER

21′8″x7′9″ arc bottom cruiser. Will take two motors up to 25 HP. Sheet plywood construction. Motors in wells. Sleeps 4.

MFR., Econette Cruisers, CMR 116, Peoria, Ill.

C-24 CRUISER

24′6″x8′ arc bottom cruiser. Will take two motors up to 30 HP. Sheet plywood construction. Motors in wells. Sleeps 4.

MFR., Econette Cruisers, CMR 116, Peoria, Ill.

C-27 CRUISER

27′3″x8′7″ arc bottom cruiser. Will take two motors up to 35 HP. Motors in wells. Sleeps 4.

MFR., Econette Cruisers, CMR 116, Peoria, Ill.

FEATHER CRAFT, INC.

CARTOPPER

11'5"x49". Weighs 100 lbs. A round bottom hull that can carry 3 passengers with a 7½ HP motor; the price is $225 plain or $245 anodized aluminum.

MFR., Feather Craft, Inc., 450 Bishop St., N. W., Atlanta 13, Ga.

FISHER

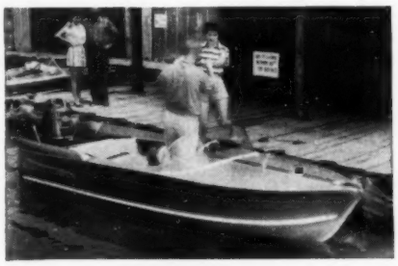
13'9"x55". Weighs 167 lbs. Will carry 5 passengers, 18 HP motor. Price, $310 plain or $328 anodized.

MFR., Feather Craft, Inc., 450 Bishop St., N. W., Atlanta 13, Ga.

RANGER III

14'1"x62". Weighs 238 lbs. Will take 30 HP motor. Carries 5 passengers. Has walk-thru deck and stern seat backrest. Price, $500 for anodized aluminum.

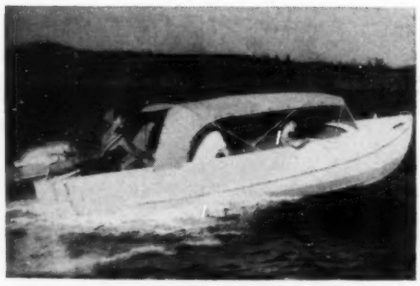
MFR., Feather Craft, Inc., 450 Bishop St., N. W., Atlanta 13, Ga.



HAWK II

14'½"x58½"x26". Manufacturer recommends 60 HP for this 5-passenger boat which is styled with tail fins, clipper bow and side decks. Weight is 320 lbs. Price, $675.

MFR., Feather Craft, Inc., 450 Bishop St., N.W., Atlanta 13, Ga.



FALCON II

15'9"x72". Weighs 312 lbs. Motor capacity 60 HP. Carries 7 passengers. Walk through deck, canopy, wrap around windshield. Price, $795 for plain aluminum; $840 for anodized aluminum.

MFR., Feather Craft, Inc., 450 Bishop St., N. W., Atlanta 13, Ga.

CLIPPER

15'11"x66"x34". Day outboard cruiser for 80 HP single or dual motor installation.

Boat has 7-passenger capacity and heavy gauge aluminum hull bottom. Weight 448 lbs. Price, $995.

MFR., Feather Craft, Inc., 450 Bishop St., N.W., Atlanta 13, Ga.

RIVERBOAT

16'x57½". Weighs 225 lbs. Can take 6 passengers and 30 HP outboard. Available in plain aluminum; price, $410.

MFR., Feather Craft, Inc., 450 Bishop St., N. W., Atlanta 13, Ga.

S. U. FERBEND, INC.

FERBEND FAMILY CRUISER

18'10"x7'6". Sleeps two in 6'6". berths. 50" head room in cabin. Optional marine toilet. Has speed of over 30 mph with two motors.

MFR., S. U. Ferbend Inc., Morganfield, Ky.

FLOTEL

SUN TAN SPECIAL

15'x7'. Triple hull outboard has 9 water-tight compartments, is of aluminum construction and has duraply decks. Weight, 325 lbs. Price, about $450.

MFR., Flotel, 1 Main St., Richmond, Ind.

FLYING FINN, INC.

GULFIN 16

15'6"x72". Weight, 550 lbs. For use with 20 to 40 HP motor. Top speed 32 mph at 40 HP. African mahogany and pitch pine hull. Carries 5. Has full keel, oak ribs, lapstrake planking, copper rivets, trim of African mahogany. Price, $845. Accessories: convertible top, $65; side curtain, $24; mooring cover, $46; back curtain, $37.

MFR., Flying Finn, Inc., 527 Lexington Ave., New York 17, N. Y.

BAYFIN 17

16'9"x74". Weight of hull 650 lbs. Can use 25 to 40 HP motor. Top speed 30 mph at 40 HP. African mahogany and pitch pine hull. Carries 6. Full keel, oak ribs, lapstrake planking, copper rivets, trim of African mahogany. Price, $995. Price includes windshield, floor boards, seat backs. Accessories: convertible top, $65; side curtain, $24; back curtain, $40; mooring cover, $50.

MFR., Flying Finn, Inc., 527 Lexington Ave., New York 17, N. Y.

SEAFIN 18

18'x79". Weight of hull 800 lbs. Can use 35 to 60 HP motor or 25 to 40 HP twins. Top speed of 33 mph with twin 40's. Carries 6. African mahogany and pitch pine hull. Full keel, oak ribs, lapstrake planking, copper rivets, all trim of African mahogany. Price, $1,175 including windshield, floor boards, seat backs. Accessories: convertible top, $65; side curtain, $24; mooring cover, $50; back curtain, $40.

MFR., Flying Finn, Inc., 527 Lexington Ave., New York 17, N. Y.

SEAFIN 21

20'6"x90". Weight of hull 950 lbs. Can use 35 to 60 HP motor or 30 to 60 HP twins. Top speed 35 mph with twin 60's. Carries 7. African mahogany and pitch pine hull. Full keel, oak ribs, lapstrake planking, copper rivets, all trim of African mahogany. Price, $1,485 including windshield, floor boards, seat backs. Available accessories: convertible top, side curtains, back curtains, mooring cover.

MFR., Flying Finn, Inc., 527 Lexington Ave., New York 17, N. Y.

GENERAL MARINE

CONTESSA

Combination sports runabout for family boating, fishing. An open model with walk-through front seat. Has plenty of room. Ideal for pulling water skiers. Two-tone front and rear decks. This boat is 14' long and has a 60" beam. It weighs approx. 260 lbs. and uses motors from 10 to 60 HP. The price is $490.

MFR., General Marine Co., 6th & Oak St., St. Joseph, Mo.

TORPEDO

12'x57", weighs 206 lbs. Recommended for motors up to 33 HP. The price is $398. Standard equip.: 2 rear lifting handles and cadmium-plated steel screws; Speedliner bow handle. Optional equip.: brass screws, combination light, polished aluminum trim set for gunwales & spray rails, etc.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

KB-12 STANDARD

This boat is 12' long with a 51" beam. It seats 4 people and weighs approx. 120 lbs. The price is $118.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

KB-12 DELUXE

This boat is also 12' long with a 51" beam, seats 4 persons, weighs 125 lbs. and the price is $138.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

KB-14 STANDARD

This boat is 14′ long with a 58″ beam. It seats 4 people, weighs 170 lbs. and the price is $159.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

KB-9 DELUXE

This boat is 9′ long with a 45″ beam. It seats 2 people, weighs approx. 65 lbs. and the price is $98.50. For class JU racing.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

KB-12 SKIFF

This boat is 12′ long, weighs approx. 125 lbs., seats 3 persons and the price is $99.90.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

CHALLENGER

Built for use with smaller motors, it is 14′x51″, weighs 175 lbs. For motors up to 22 HP. Price, $330.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

RIO GRANDE

Can be used for water skiing, 14′x58″, seats 5 persons, approx. weight 186 lbs. Price is $325.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

SPORTLINER

Has a walk-thru front seat and folding hinged rear seat. It is 14′ long, weighs 240 lbs. Beam 58″. For motors 10 to 60 HP. Price, $455. Standard equipment: 2 rear lifting handles, speedliner bow handle. Polished aluminum trim around top of seat backs and cadmium-plated steel screws.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

TROPHY

14′x58″. Weighs 280 lbs. Price, $425. Standard equip.: 2 rear lifting handles and cadmium-plated steel screws; Speedliner bow handle.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

TROPICANA

The "Big One" of the Speedliner fleet. This sturdy boat is built for rough water. Two-tone decking. Available in three models. It is 15′8″ long, has a 69″ beam, and weighs about 425 lbs. It seats 6 persons. Price is $695.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

CABALLERO

Family runabout. Has ⅜″ Philippine marine mahogany plywood sides and bottom, finished dark mahogany color with clear spar marine varnish, two-tone front, center and rear decks. Bow plate, bow handle, rear lift handles and cadmium-plated steel screws are standard equipment. 14′x60″, weighs 285 lbs. 10 to 60 HP motors. Price is $480.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

CORSAIR

Class AU and BU stock runabout. It is 10′6″ long, weighs approx. 110 lbs., has a 47″ beam and standard equip. includes bow handle and aluminum fin.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

MARATHON SPECIAL

DU stock runabout, for choppy and rough water. This boat is 14′ long and weighs approx. 225 lbs. It has a 51″ beam and has 2 seats. Equip. includes bow handle, rear lifting handles, and aluminum fins. The cost is $445.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

CARAVEL

CU stock runabout, the fastest and best-performing Speedliner hull for Class C. Is 13′ long, weighs approx. 180 lbs., and seats 2. It has a 51″ beam. Price is $435. Includes bow handle, rear lifting handles and aluminum fin.

MFR., General Marine Co., 6th and Oak St., St. Joseph, Mo.

ZEPHYR

New '58 models give improved handling and turning qualities. This boat is 13′ long, has a 50″ beam and seats 2 persons. It weighs approx. 200 lbs. and the price is $435.

MFR., General Marine Co., 6th & Oak St., St. Joseph, Mo.

JIGGER

Stock utility runabout. This 9′ Class JU boat with a 5 HP motor has lots of pep. Not recommended for fishing because front seat is close to bottom and rear cockpit has kneelboard in place of seat. For the youngster who wants to begin racing. Has a 45″ beam. It weighs approx. 75 lbs. Price is $195.

MFR., General Marine Co., 6th & Oak St., St. Joseph, Mo.

GENERAL MOTORBOAT CO.

SEA FLYER SKI BOAT

14′5″x65″ outboard runabout has forward seat with back and conventional rear seat. Attains speeds to 40 mph; 21″ mahogany plywood transom. Features white oak structural members, laminated white oak stem, 5/16″ marine plywood mahogany hull, non-ferrous salt water fastenings and chrome-plated hardware.

MFR., General Motorboat Co., Mayo, Md.

SEA FLYER RUNABOUT

14′5″x65″, with 58″ forward deck and 21″ mahogany plywood transom. White oak structural members, laminated white oak stem, 5/16″ marine plywood mahogany hull, non-ferrous salt water fastenings and chrome-plated hardware Has walk-through center deck, life preserver seat cushions and cushioned seat backs.

MFR., General Motorboat Co., Mayo, Md.

SEA FLYER DELUXE RUNABOUT

14′5″x65″ runabout features upholstered seats, life preserver seat cushions, full-view windshield and 32″ mahogany rear deck. Has 21″ high mahogany plywood transom, and 58″ forward deck. White oak structural members, laminated white oak stem, 5/16″ marine plywood mahogany hull, non-ferrous salt water fastenings and chrome-plated hardware.

MFR., General Motorboat Co., Mayo, Md.

LITTLE MARINER FISHAWK

20′5″x7′3″ for inboard or outboard power, attains speeds to 35 mph. Features cabin which can sleep 2, navy top, removable rear seat, navigation lights, chrome-bronze deck hardware, ventilating windshield, marine toilet, steering wheel and motor lines, aluminum guardrail molding and stem band. Optional equipment includes top and side curtains, cockpit cover, USCG-approved cushion-type life preservers, ice chest, stainless steel guard rail molding and stem band.

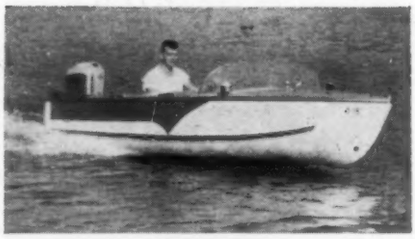
MFR., General Motorboat Co., Mayo, Md.

LITTLE MARINER DAY CRUISER

20′5″x7′3″, cruiser for inboard or outboard power; attains speeds to 35 mph. Features 32″ deep cockpit, 20″ high motor mount, removable rear seat, sleeping arrangements for 2 with "Unifoam" mattresses and cushions, chrome-bronze deck hardware, aluminum guard rail molding, navigation lights, signal mast, marine compass, anchor, dock lines, marine toilet, fire extinguisher, USCG-approved life preservers, fitted cockpit cover, galley sink, stove, fresh water tank and galley pump, lockers, ventilating windshield and bilge pump.

MFR., General Motorboat Co., Mayo, Md.

GLASS CRAFT CO.



RUNABOUT

15′x63″x27″ outboard runabout. Fiberglas, planing hull. Impregnated color.

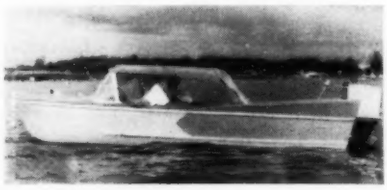
MFR., Glass Craft Co., Inc. Boat Div., Fort Dodge, Iowa.

CITATION

15′1″x70″, hull weight, 390 lbs. Fiberglass boat carries 5, is recommended for motors to 80 hp. Top speed is 40 mph at 60 hp. Has fully upholstered seats and sides, built-in arm rests, twin glove compartments, running lights, chrome hardware, steering wheel, windshield,

and aqua meter. Gasoline filler cap is mounted in deck to permit refueling without removing tank, and built-in self-draining motor well is included. Price, $1,095.

MFR., Glass Craft Boats, Inc., P. O. Box 453, Fort Dodge, Iowa.

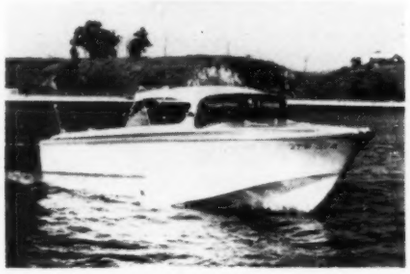


IMPERIAL "100"

16'4"x72", for motors ranging from 25 to 100 hp. Top speed is 38 mph with 60 hp. Fiberglass-hulled cruiser sleeps 2. Features include fiberglass hardtop, fully upholstered seats, running lights, chrome hardware and steering wheel. Price, $1,525. Available accessories: side curtains, cockpit cover.

MFR., Glass Craft Boats, Inc., P. O. Box 453, Fort Dodge, Iowa.

GLASSPAR CO.



MARINER

Fiberglas reinforced plastic hull. A 19' open boat with canvas top, side curtains, marine head, and 2 canvas pipe berths; sleeps 2.

MFR., Glasspar Co., 19101 Newport Ave., Santa Ana, Calif.

CLUB MARINER

An enclosed cabin cruiser 19' long. With flying bridge affording 2 full-length bunks, marine head, sink, and galley space. Fiberglas reinforced plastic hull. Accentuated keel section forward with flat bottom.

MFR., Glasspar Co., 19101 Newport Ave., Santa Ana, Calif.

SPORT LIDO

14' walk-through bridge deck runabout with fiberglas reinforced plastic hull. Fast boat with bridge deck, upholstered seats, with generous aft cockpit usable for fishing. Suited to general runabout use, water skiing, or fishing.

MFR., Glasspar Co., 19101 Newport Ave., Santa Ana, Calif.

GLASTEX CO.

SPEED QUEEN

All fiberglas, 14' sport runabout. Also 14' walk through, 16' sport runabout walk through, and 16' walk through utility.

MFR., Glastex Co., 6101 W. 147th St., Tinley Park, Ill.

GRUMMAN BOATS, INC.

WALK-THRU-MODEL RUNABOUT

The 14'6"x5'2½" runabout is available with 3 deck plans and seating arrangements, with walk-thru center deck and folding back rest. Back rest accessory can also be adjusted to permit the passengers to face the stern for trolling. A combination, wrap-a-round windshield and folding canvas top is also available for this model. Rated to handle up to 40 HP.

MFR., Grumman Boats, Inc., Marathon, N. Y.

CARTOPPER

A 12'3"x4'1" portable fishing boat with keels and gunwales of solid extrusions and all under water riveting of the flush head type so no heads will shear off when beaching. Up to 5.5 HP should be sufficient to propel this boat. Weight, 87 lbs.

MFR., Grumman Boats, Inc., Marathon, N. Y.

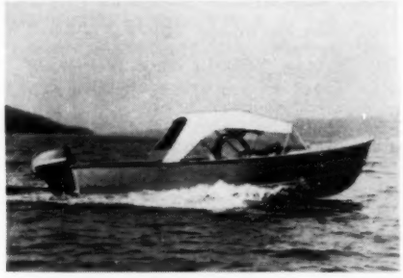
NEW JUNIOR RUNABOUT

The 13'4"x56" runabout is strong and big enough to handle 15 to 20 HP, enabling it to develop enough speed and power to tow a water skier. Triple keels. Can have a wrap-a-round windshield and steering assembly forward and two tone color paint job. Weight, 160 lbs.

MFR., Grumman Boats, Inc., Marathon, N. Y.

STANDARD OPEN DECK MODEL RUNABOUT

The 14'6"x5'2½" runabout with forward deck and seats only, can be supplied with combination wrap-a-round windshield and folding canvas top can fold down and stow inboard of the windshield. Front seat steering can be installed as an accessory. Powered with a 30 or 40 HP motor, can tow 2 to 3 water skiers at a time. Good performance may be expected using a 15 HP motor. Triple



keels and flush head rivetting are features. Weight, 255 lbs.

MFR., Grumman Boats, Inc., Marathon, N. Y.

FISHERMAN

A 13'4"x56" utility boat. Built of 6061 ST-6 aluminum alloy, fully heat treated. Will handle well with motor as small as a 7½ HP and has pep enough for water skiing with 15 to 20 HP. Half deck amidship is available for mounting steering assembly. Weight, 160 lbs.

MFR., Grumman Boats, Inc., Marathon, N. Y.

SPORT BOAT

A 15'3"x43" outboard boat that converts into a sale boat (carrying up to 65 sq. ft. of sail). It can also be rowed and paddled and carried on cartop. Low horsepower motors (up to 7.5 HP) give it excellent performance. Weight, 112 lbs.

MFR., Grumman Boats, Inc., Marathon, New York.

MIDSHIP DECK RUNABOUT

A 14'6"x5'2½" runabout is available with 3 new deck plans. Steering can be mounted on either the forward or midship deck. Another accessory will be a pullman type back rest for the seats, which gives support facing forward or facing aft for trolling, and folds down

flat. Rated to handle up to 40 HP. Weight, 255 lbs.

MFR., Grumman Boats, Inc., Marathon, New York.

HARWILL, INC.

MODEL D

14'x60" Aero-Craft. Weighs 130 lbs. Recommended for 25 HP motor. Top speed 28 mph. Hull material: 2024-T3 aluminum. Price, $455.

MFR., Harwill, Inc., 400 Water St., St. Charles, Mich.

MODEL E

9'x48" alumium rowboat can be used with motors ranging up to 5 HP. Includes oar locks. Price, $199.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

MODEL L

12'x52" aluminum boat. Can be used with motors ranging up to 7½ HP. Price, $214 for the hull.

MFR., Harwill, Inc., Aero-Line Boats, 400 Water St., St. Charles, Mich.

MODEL M

12'x52". Aluminum boat has styrofoam flotation. It is recommended for use with motors up to 10 HP. Price, $269.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

MODEL F

12'x52" aluminum boat, suitable for use with motors ranging to 10 HP. Available with pole wells and 3 seats. Has shallow draft. Price, $313.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

MODEL P

12'x56" aluminum boat recommended for use with motors ranging up to 18 HP. Price, $329.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

MODEL N

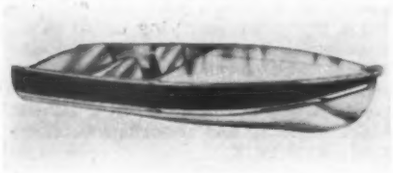
14'x54", aluminum boat suitable for motors ranging to 10 HP. Special features are wood seats and styrofoam flotation. Price, $269 for the hull.

MFR., Harwill, Inc., Aero-Line Boats, 400 Water St., St. Charles, Mich.

MODEL K

14'x54". Aluminum boat can be used with motors up to 15 HP. Features include styrofoam flotation. Price, $317.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.



MODEL RSD AERO-LINE

14'x59", hull weight, 135 lbs. Aluminum boat for motors to 30 HP. Top speed is 30 mph at 30 HP. Carries 4, has walk-through arrangement. Price, $419 for the hull. Accessories are available.

MFR., Harwill, Inc., Aero-Line Boats, 400 Water St., St. Charles, Mich.

MODEL Q

14'x60" aluminum boat. Can be used with motors to 30 HP. Has styrofoam flotation. Price, $388.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

MODEL QSDA

14'x60", hull weight, 142 lbs. For motors to 30 HP for a top speed of 30 mph. Aluminum boat carries 4. Price, $519. Accessories available.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

BLUE-WAKE

14'x68"x28", hull weight, 315 lbs. Aluminum boat for motors to 45 HP. Top speed is 32 mph at 45 HP. Carries 5. Features include convertible top, panoramic windshield, walk-through center deck, mahogany dashboard and reinforced transom for large motors. Has styrofoam flotation. Price, $849. Accessories available.

MFR., Harwill, Inc., Aero-Glass Boats, 400 Water St., St. Charles, Mich.

MODEL J

14'2"x68", weight, 210 lbs. Aluminum boat for motors to 45 HP. Top speed is 33 mph at 45 HP. Boat carries 6. Price, $495. Accessories include walk-through seat backs and deck, $52.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

SEA-FLIGHT

16'x68"x28", hull weight, 380 lbs. For motors to 70 HP, top speed is 37 mph at 70 HP. Aluminum boat carries 7, has walk-through center deck, 2 trolling seats, convertible top and styrofoam flotation. Price, $1,155, including top and windshield.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

HERBERTS BOATS

SKI KING

A high speed ski and race boat with center deck. Screwed and glued, oak framing. Overall length, 13'4", beam 65". The price is $350. Also available: an 18' cabin cruiser at $995, and a 20' cabin cruiser at $1170.

MFR., Herberts Boats, 2905 E. Pac., Coast, Long Beach, Calif.

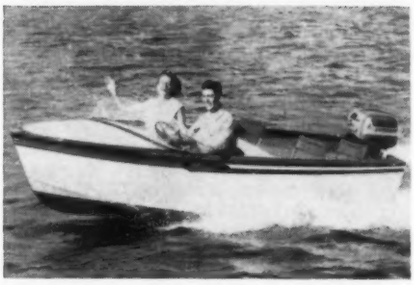
HERTER'S, INC.

ELDORADO ROCKET

12'6"x60". Handles largest motors, speed 35 mph. Duraluminum and fiberglas. Other boats available are open utilities and fishing craft ranging from 12' to 16' as well as 14' and 16' utility runabouts.

MFR., Herter's Inc., Waseca, Minn.

HIGGINS, INC.

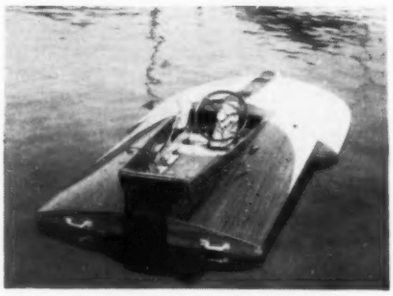


HIGGINS 14' DELUXE OUTBOARD RUNABOUT

14'2"x65⅜". Weighs 310 lbs. For motors from 16 to 40 HP. Top speed 28 mph. at 30 HP. Carries 6 passengers. Mahogany hull. Can be cleaned easily because of absence of cross frames and built-in floors. Price, $595.00.

MFR., Higgins, Inc., P.O. Box 8001, New Orleans 22, La.

FRED JACOBY BOAT WORKS



FLYAWAY CLASS BSH

Shown is one of line of 8' to 12' racing craft.

BSH is 9'10"x4'1" with speed of over 55 mph depending on power of motor. Mahogany plywood planking, airplane spruce frames, bronze Everdure screw fastening. Price, $360.

MFR., Fred Jacoby Boat Works, 1708 40th St., North Bergen, N. J.

LA CROSS BOAT WORKS

SKIPPER

14'x65". For use with 35 HP motors, boat features forward walk-through seat and after part open for fishing and water skiing. Double-planked bottom optional.

MFR., La Cross Boat Works, Star Route U. S. 23 North, Alpena, Mich.

SCORPION

15'x69", weight, 450 lbs. Rated for 60 HP motors, this boat has African mahogany plywood hull and double-planked bottom. Features wrap-around windshield, tail fins, upholstery, and steering. Price, $895. Also available in 14'x65" model, for 35 HP motors, at $795.

MFR., La Cross Boat Works, Star Route U. S. 23 North, Alpena, Mich.

LONE STAR BOAT CO.

LITTLE JOHN

12'x47", hull weight, 86 lbs. Aluminum boat carries 2; for motors from 3 to 5½ HP. A narrow beam, shallow draft boat, with stern gusset handles, power-bar transom and Styrofoam flotation. Accessories: oar sockets, bait well, canopy and drain plug.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

STARFISH

12'x52", hull weight, 104 lbs. 3 to 7½ HP motor recommended. Aluminum boat carries 3, has built in air chambers, deck handle, stern gusset handles, integral spray rails and oar sockets. Available accessories: bait well, canopy, drain plug.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

LITTLE FISHERMAN

12'x54", hull weight, 99 lbs. Aluminum hull boat for motors from 3 to 7½ HP. Carries 2. Features stern gusset handles, deck handle, bow eye, oar sockets, non-trip chine, and Styrofoam flotation. Accessories: bait well, canopy and drain plug.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

SPORTSTER

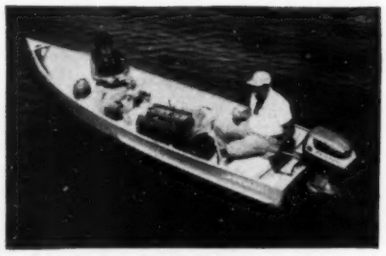
12'x55", hull weight 154 lbs. Carries 4. Aluminum boat is for motors from 5 to 20 HP. Has drain plug, oar sockets, bow and stern gusset handles, bow eye, and power-bar transom. Accessories include side steering bracket, steering and rigging, bait well and canopy.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

LONG JOHN

14'x47", hull weight 105 lbs. Aluminum hull, seats 3; for motors from 3 to 10 HP. Has bow eye, stern gusset handles, power-bar transom and Styrofoam flotation. Accessories include oar sockets, canopy, bait well and drain plug.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.



MARINER

14'x51", weight 120 lbs. Aluminum boat carries 4, recommended for motors from 5 to 15 HP. Features built-in air chambers, deck handle, stern gusset handles, oar sockets and spray rails. Options are bait well, canopy and drain plug.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

BIG FISHERMAN

14'x57", hull weight, 133 lbs. Aluminum-hull boat carries 4, suitable for motors from 3 to 12 HP. Has power-bar transom, bow and stern gusset handles, bow eye, oar sockets, non-trip chine, and Styrofoam flotation. Accessories: canopy, drain plug, bait well and side steering bracket.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

COMMANDER

14'x60", hull weight, 175 lbs. For motors from 5 to 22 HP. This aluminum boat carries 5, has power-bar transom, full length spray rails, bow seat, drain plug, oar sockets, bow eye and Styrofoam flotation. Optional are bait well, canopy, center deck, side steering bracket, and steering.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

ANGLER

14'x61", weight, 178 lbs. Fiberglass outboard seats 4, recommended for motors from 5 to 16 HP. Includes extruded aluminum gunwales, rigidized transom, molded-in spray chines, drain plug, transom handles, oar sockets and bow eye. Also available, built-in bait well.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

KING COMMANDER

14'x61", hull weight, 242 lbs. Aluminum boat seats 6, is for motors from 10 to 35 HP. Features include bow storage area, vinyl-covered marine plywood seats, Styrofoam flotation, drain plug, stern gusset handles, bow eye, ski tow rings, and power-bar transom. Accessories include built-in bait well.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

CORONADO

14½'x61", hull weight, 260 lbs. Manufacturer recommends from 18 to 40 HP. Boat has tension-ease steering, remote control mount, nylon pulleys and cables, fisherman's seat, power-bar transom, automatic bailer, and step-through seating. Optional are canopy, running lights, windshield, upholstered seat and bait well.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

MALIBU

14½'x61", hull weight, 303 lbs. Aluminum boat seats 5, for motors from 18 to 40 HP. Has step-through, automotive-style seating, vinyl-upholstered foam rubber cushioning, panoramic windshield, tension-ease steering with remote control mount, power-bar transom and automatic bailer. Accessories include canopy and running lights.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

METEOR

15'x65", hull weight, 380 lbs. Fiberglass boat carries 5, for motors from 20 to 50 HP. Has docking and running lights, rub rails, tension-ease steering, remote control mount, panoramic windshield, motor compartment with hatch, magnetic latches and automatic bailer.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

CONTINENTAL

15'x66", weight of hull, 436 lbs. For motors from 20 to 60 HP., this fiberglass boat carries 5 in automotive-style seating. Includes vinyl-upholstered foam rubber cushioning, panoramic windshield, tension-ease steering, dual motor transom with gas tank storage, bow eye, four 6" cleats, automatic bailer, two step pads and stern ski rings. Available accessories include canopy, running lights.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

SKYLARK

15'x66" fiberglass boat seats 5, weighs 340 lbs. For 15 to 50 HP outboard power. Features 4'x6' cockpit with fishing seat, spray chines, rub rails, steering wheel (no rigging), automatic bailer, stern ski rings and bow eye. Optional: nylon pulleys and cables, windshield, upholstery, canopy, running lights, bait well and cleats.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

SKIPPER

16'x65", hull weight, 305 lbs. For 15 to 40 HP motors. Carries 6, aluminum hull, bow step-seat, power-bar transom, vinyl-covered seats, drain plug, stern gusset handles, bow eye and casting, ski tow rings and bow locker. Accessories include center deck, side steering bracket, steering and rigging, canopy and bait well.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

NASSAU

16'x67", hull weight, 381 lbs. This aluminum boat, with capacity for 6, is recommended for 18 to 60 HP motors. Features include step-through, automotive-style seating, after fishing seat, tension-ease steering, remote control mount, panoramic windshield, dual motor power-bar transom, and automatic bailer. Accessories: canopy and running lights.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

HOLIDAY

16'x80" aluminum boat seats 7, weighs 525 lbs. For outboards from 25 to 60 HP. Features bow storage area, tension-ease steering, remote control mount, long shaft (20") dual motor transom with Power-Thrust knee, automotive-style seats, running lights and panoramic windshield. Also bow eye, four 6" cleats, stern ski rings. Available are

canopy, anchor and bracket, spoltlight, 15" transom (on special order) and fire extinguisher.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

EL DORADO

18'x85", deep aluminum hull with high freeboard, sleeps 2 on convertible seat bunks. For 25 to 80 HP outboards. Has tension-ease steering, remote control, sliding windows, panoramic windshield, cabin and running lights, underseat storage, fire extinguisher, adjustable dual motor bracket, and automatic bailer. Options include head, anchor and bracket, spotlight, transom seat and canopy.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

BALBOA

19'x91". Fiberglass model has monohedron contoured hull and weighs 890 lbs. For 35 to 120 HP outboard motors. Features tension-ease steering, nylon pulleys and cables, dual motor power-lift transom, self-bailing motor well and hatch. Also panoramic windshield, automotive-style upholstered seats, cleats, ski rings, automatic bailer, running lights and transom seats. Optional: canopy, long shaft (20") transom.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

CARIBBEAN

19'x91" fiberglass cruiser sleeps 2 adults and 2 children. For motors from 35 to 120 HP. Has tension-ease steering, remote control mount and vinyl-covered transom seat. Equipped with self bailing, power-lift transom with cover, fire extinguisher and watertight bow hatch. Accessories include flying bridge, pilot seat, head, canopy, spotlight, long shaft (20") transom (on special order), anchor and bracket.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

CRUISE MASTER

21'x89" aluminum boat with high freeboard and deep hull. Sleeps 2 adults and 2 children. Has galley area, compartment for enclosed head, 6'x8' cabin, tension-ease steering, fire extinguisher, adjustable double motor bracket, running lights and automatic bailer. Available accessories include head, flying bridge, canopy, transom seat, pilot seat, anchor and bracket and spotlight.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

CRUISE LINER

23'x96", for motors from 35 to 120 HP. Deep aluminum hull with high freeboard. Sleeps 2 adults, 2 children; galley area and head compartment. Includes tension-ease steering, electric starter panel, fire extinguisher, standard shaft (15") power-lift transom with two gas tanks, storage shelves, automatic bailer and running lights. Accessories available.

MFR., Lone Star Boat Co., P.O. Box 698, Grand Prairie, Tex.

LYMAN BOAT WORKS, INC.

13' RUNABOUT

13'x3"x60". Resembles the standard 15' model, and can be equipped with the

steering wheel mounted on the amidship deck; starboard side of the walk-through. Designed for motors up to 30 HP, it has, like its 15' sister outboard, easily removable floor boards and is completely varnished on the inside.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio

13' LEADER

13'13"x56". Two cross seats and a seat in the bow. Suitable for motors in the 10 HP range.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio

15' RUNABOUT

15'2"x64". Available in two models. The standard model has steering wheel mounted to starboard on the amidship deck. The second model, at a slight increase in price, has the steering wheel mounted on the front dash, and a longer forward deck. Both models feature the walk-through amidship deck; the first model having a glove compartment on the port side of the walk-through and the second, glove compartments on both sides.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio

16' RUNABOUT

16'6"x70". Steering wheel mounted on the front dash and walk-through amidship deck. Handles the biggest outboard motors built. Accessories include windshield, curtains, sports model top, and a recessed motor well with removable bulkhead for concealing the gasoline tanks and batteries.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio

18' RUNABOUT

Largest outboard ever built by Lyman. Either one or two motors of from 15 to 40 HP. With a single 25 HP motor, it develops a maximum speed of 20.3 mph, and with two motors of the same horsepower, it has a maximum speed of 27.5 mph. The height of the transom installed is governed by the length of the shaft of the motor selected. Both 15" and 20" transoms are available. There is space provided under the hinged stern seat for two gasoline tanks and two storage batteries, while a self-bailing well is built into the stern. The amidship area accommodates both fishing and deck chairs, as well as sleeping bags.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio

McCARTHY BOAT CO.

SEA-MAC

14'3" x 63". Speeds to 45 mph with 60 HP motor.

MFR., McCarthy Boat Co., Camden, N. J.

MARBLE BOAT MFG. CO.

12' FISHERMAN

12'6"x49"x22". Weight approx. 130 lbs. Transom width 48". Recommended 16 HP maximum. Molded hull. Oak-mahogany construction. Price, $259.

MFR., Marble Boat Mfg. Co., Lucedale, Miss.

14' FISHERMAN

14'10"x60"x25". Weight approx. 230 lbs. Transom width 52½". Recommended 40 HP maximum. Price, $398.

WALK-THRU DELUXE

14' long. Molded hull. Oak and mahogany construction.

MFR., Marble Boat Mfg. Co., Lucedale, Miss.

MARINE PLASTICS INC.

RESORTER

14'x62". Weight of hull 225 lbs. Can use up to 50 HP motors. Top speed estimated at 36 mph at 40 HP. Carries 4 adults. Fiberglas-plastic hull. Three seated fishing boat, molded in spray rail, 46" front deck suitable for wheel mounting. Price, $395 including handles, bow eye, live bait well at no extra charge if desired. Accessories: windshield, $40; steering, $50.

MFR., Marine Plastics Inc., 2751 Ludelle St., Fort Worth 5, Tex.

SKIMASTER

14'x62". Weight of hull 290 lbs. Can use 10 to 15 HP motor. Estimated top speed

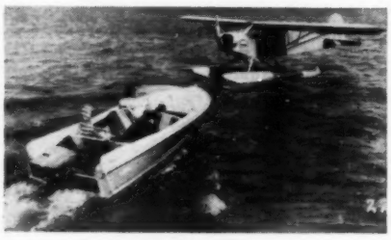
of 36 mph. at 40 HP. Carries 4 adults. Fiberglas plastic hull. Has open after cockpit for watersports, pleated naugahyde upholstery, three-tone color styling, completely rigged, molded-in spray rail, custom bow casting, stepped deck. Price, $795 including pleated naugahyde foam upholstery, steering system, windshield and brackets, three-tone styling. Accessories: upholstered rear seat, $80.

MFR., Marine Plastics, Inc., 2751 Ludelle St., Fort Worth 5, Tex.

PLAYMASTER & PLAYMASTER DELUXE

14'x63". Weight of hull 320 lbs. Can use 10 to 50 HP motor. Top speed of 35 mph. with 40 HP. Carries 5 adults. Fiberglas plastic hull. Has walk-thru center deck, stepped deck design, extra wide bottom. Price, $645 including chrome trim, striped hull, eyes, handles, etc. Accessories: pleated naugahyde upholstery, $120; steering system complete, $50; windshield and brackets, $55; economy windshield, $40. Playmaster Deluxe is priced at $845 including upholstery, steering system, windshield and bracket.

MFR., Marine Plastics, Inc., 2751 Ludelle St., Fort Worth 5, Tex.



SKIMASTER, SR.

This 15' fiberglas runabout is designed to accommodate twin 40 HP engines. It is styled with aqua-flite fins and custom interiors. Standard equipment includes pleated two-tone naugahyde foam upholstered front seat, complete steering system, wrap-around windshield with custom brackets, 3 tone color styling, custom bow handle, bow eye, dura-bright trim moulding, twin ski eyes, chrome step pads and throttle bracket. An upholstered rear seat is available as an accessory item.

MFR., Marine Plastics, Inc., 2751 Ludelle St., Fort Worth 5, Tex.

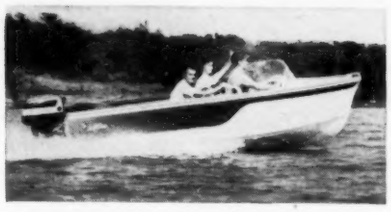
SPORTSMASTER

15'x73". Weight of hull 400 lbs. Can use 10 to 80 HP motors. Top speed of 40 mph at 60 HP. Carries 6 adults. Fiberglas-plastic hull. Three seated fishing boat, extra wide beam for rough water. Price, $595 including handles, eyes, chrome trim. Accessories: windshield, $45; steering, $50.

MFR., Marine Plastics, Inc., 2751 Ludelle St., Fort Worth 5, Tex.

BAYMASTER

16'x76". Weight of hull 500 lbs. Can use 15 to 80 HP motors. Top speed of 36 mph with 60 HP. Carries 8 adults. Fiberglas-



plastic hull. Has stepped deck design, completely sealed after motor well to keep following seas out, available with lengthwise combination seat and wells or a full length double bottom. Price, $945 including chrome trim, striped hull, bow eye, walk thru forward seat. Accessories: tall windshield optional (no extra charge), reg. windshield and brackets, $60; upholstery, $110; steering system, $50; convertible top, $80. Baymaster Deluxe is priced at $1,145 including upholstery, steering, windshield.

MFR., Marine Plastics, Inc., 2751 Ludelle St., Fort Worth 5, Tex.

METAL BAY BOAT CO.

DELUXE RUNABOUT

14'6"x62½". Weighs 255 lbs. Top speed 34 mph. at 40 HP. Carrying capacity 900 lbs. Aluminum hull with Styrofoam flotation. Price, $695. Available accessories are steering wheel, $41.45; wrap-around windshield, $35.65.

MFR., Metal Boat Co., Div. of Grumman Aircraft Eng. Corp., Marathon, N. Y.

MIAMI MARINE INDUSTRIES

ALUMINUM SAUGATUCK

Comes in two models: 14'x59", weighs 175 lbs. 16'x60", weighs 220 lbs. 14' can use 18 HP. 16' can use 25 HP. 14' model priced at $349.50, 16' model priced at $419.50.

MFR., Miami Marine Industries, Little Rock, Ark.

FIBERGLAS TEXOMA

14'8"x60". Weight 195 lbs. for 18 HP. Same construction available in 12' fishing skiff. Price, $379.50. 12' boat priced at $269.50.

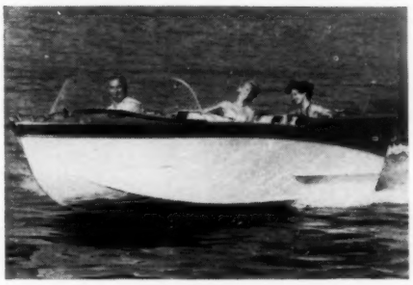
MFR., Miami Marine Industries, Little Rock, Ark.

MINNETONKA BOAT WORKS

MATI HARI

14'x68". Weight of hull 345 lbs. Can use 40 HP motor. Top speed 35 mph. Carries 900 lbs. ⅜" 5 ply marine plywood hull. Has lapstrake construction bonded with 3M thiocol rubber. Price, $495 including bow and stern handles. Accessories: windshield, $75; top and curtains, $92; gunwale moulding, $27.50; bailer (installed), $6.50; seat cushions and backs, $68.80.

MFR., Minnetonka Boat Works, Wayzata, Minn.



CARIBBEAN

15'2"x77". Weight of hull 700 lbs. Can use twin 60's. Top speed of 45 mph with twin 60s. Carries 1500 lbs. ⅜" 5 ply marine plywood hull. Price, $1195 including two bow handles, two transom handles, windshield, gunwale and splash rail moulding, interior panels. Accessories: top, $55; side curtains, $23.50; dual steering, $49.50; dual controls, $102; running lights, $15.50; cleats and chocks, $7.50; bailer, $6.50; boat cover with windshield pocket, $57.50; upholstery, $97.50.

MFR., Minnetonka Boat Works, Wayzata, Minn.

MADAM X

16'x69". Weight of hull 395 lbs. Can use 45 HP motor. Top speed of 38 mph. Carries 1000 lbs. ⅜" 5 ply marine plywood hull. Has lapstrake construction bonded with 3M thiocol rubber in all seams. Price, $545 including bow and stern handles. Accessories: windshield, $75; top and curtains, $92; gunwale moulding, $27.50; bailer (installed), $6.50; seat cushions and backs, $68.80.

MFR., Minnetonka Boat Works, Wayzata, Minn.

AMAZON

18'5"x90". Weight of hull 1020 lbs. Can use twin 60's. Top speed of 38 mph with twin 60's. Carries 1800 lbs. ⅜" 5 ply marine plywood hull. Has lapstrake construction, lots of freeboard, motors covered for silence, flop front seat for

bunks, 3M thiocol rubber used as bonding in all seams. Price, $1495 including lifting rings, automatic bailer, flop front seat, motor well cover, bow and stern running lights.

MFR., Minnetonka Boat Works, Wayzata, Minn.

MOLDED FIBER GLASS BOAT CO.

MFG SUBURBAN

12½′ boat has 44″ forward deck and two full-width seats. Front seat fitted with a walk-through back. Features reverse lap between keel and chine, and has fiberglass hull with molded-in lapstrake design. Price, $295 and up.

MFR., Molded Fiber Glass Boat Co., 45 Fourth Ave., Union City, Pa.

MFG CORRY UTILITY

12½′ open fishing boat has three full-width mahogany seats, and features reverse lap between keel and chine. Hull of molded fiberglass with molded-in lapstrake design. Price, $295 and up.

MFR., Molded Fiber Glass Boat Co., 45 Fourth Ave., Union City, Pa.

MFG CORRY

12′6″x62″, hull weight, 200 to 250 lbs., depending on model. Suitable for motors from 5 to 35 HP, this boat has top speed of 37½ mph at 35 HP. This boat is made of seamless molded fiberglass in lapstrake design. Reverse lap between keel and chine increases stability and speed. Carries 6. Price, from $295, including flotation and floorboards.

MFR., Molded Fiber Glass Boat Co., 69 Fourth Ave., Union City, Pa.

MFG UNION

15′ boat has fiber glass hull, with molded-in lapstrake design, and new hull resin, said to give greater strength and impact resistance. Also has extra-strong inner plywood transom and redesigned motor cut-out. Price, $495.

MFR., Molded Fiber Glass Boat Co., 45 Fourth Ave., Union City, Pa.

MFG CAMBRIDGE

15′ boat has fiberglass hull, molded-in lapstrake design and a new hull resin, said to give hulls greater strength and impact resistance. Features rustproof metal tubing seatback supports, redesigned center deck and motor cut-out. Price, $525.

MFR., Molded Fiber Glass Boat Co., 45 Fourth Ave., Union City, Pa.

MFG ERIE

15′ boat has fiberglass hull, molded-in lapstrake design, and a new hull resin said to give hulls greater strength and impact resistance. Features rustproof metal tubing seat back supports, redesigned aft deck, redesigned motor cut-out and extra strong inner plywood transom. Price, $565.

MFR., Molded Fiber Glass Boat Co., 45 Fourth Ave., Union City, Pa.

STANDARD WHIRLWIND

12′6″ outboard runabout has 6-ply hull and reinforced transom, flared bow, and panoramic windshield. Hull is one-piece molded mahogany plywood.

MFR., Molded Products, Inc., Cockeysville, Md.

DELUXE WHIRLWIND

12′6″ outboard runabout has 6-ply hull of mahogany plywood, molded in one piece, flared bow, and panoramic windshield. Has reinforced transom.

MFR., Molded Products, Inc., Cockeysville, Md.

1640 DELUXE WHIRLWIND

16′x75″ outboard runabout has mahogany plywood hull, molded in one piece, and flared mahogany coaming. Features reinforced transom, 20″ deep, capable of carrying twin motors or a single to 75 HP. Standard equipment is mahogany framed windshield, stowable canvas top, side curtains, deluxe hardware and forward deck hatch.

MFR., Molded Products, Inc., Cockeysville, Md.

1840 DELUXE WHIRLWIND

18′x75″ outboard runabout has reinforced transom, 20″ deep. Can handle twin motors or a single up to 75 HP. Hull of mahogany plywood, molded in one piece. Features flared mahogany coaming, mahogany framed windshield, stowable canvas top, side curtains, deluxe hardware and forward deck hatch.

MFR., Molded Products, Inc., Cockeysville, Md.

MONTGOMERY WARD

SEA KING 14′

14′10″ center line with 68″ beam and 60″ deck. Two-tone fiberglass hull with molded decking and fins. Complete with steering, windshield, running lights and deck hardware. Boat can take motors to 60 HP. Manufactured for Montgomery Ward by Whitehouse Reinforced Plastic Co., Fort Worth, Tex. Price, $635.

DIST., Montgomery Ward & Co., 618 W. Chicago Ave., Chicago, Ill.

DELUXE SEA KING 14′

15′ center line with 71″ beam, and 60″ deck with covered gunwales. Hull and after deck are of fiberglass. Flared fins flow into aft deck creating motor well. For motors to 50 HP. Price, $950, complete with windshield, steering and deck hardware. Manufactured expressly for Montgomery Ward by Wizard Boats, Inc.

DIST., Montgomery Ward & Co., 618 W. Chicago Ave., Chicago, Ill.

SEA KING 17′ CRUISER

17′11″x81″. Cabin is 5½′ long with 8′ open rear cockpit. Fiberglass construction throughout including cabin and decking. Complete with running lights, portable head, deck hardware, grab rails and steering. Uses up to 60 HP motors. Manufactured for Ward by Wizard Boats, Inc. Price, $1,695. Hull is also available in open runabout model with forward walk-through seat and floored cockpit area. Price, $850.

DIST., Montgomery Ward & Co., 618 W. Chicago Ave., Chicago, Ill.

16′ OUTBOARD CRUISER

Sleeping accommodations for 2. Color scheme of black and coral with white trim. Other models to 22′. Price, from $935.

DIST., Montgomery Ward and Co., Chicago, Ill.

OLD TOWN CANOES

FLAT-BOTTOM WOODEN BOATS

10′ to 12′ long, 42½″ to 46½″ beam, 14″ uniform depth amidships, wt. approx. 120 to 160 lbs. 10′ model for use only with oars; 12′ can be used with 2 to 5 HP outboard motors. Made entirely of wood. Price, $154 to $159.

MFR., Old Town Canoe Co., Old Town, Me.

SPORTBOAT

12′ long, 48″ beam, depth amidships 17″, width stern 43″, approx. weight 98 lbs. About the same weight range as large canoes. Generally a motor of 2 to 8 HP is used. Ribs and planking are of cedar, trimmings of mahogany, oarlocks, half ribs, painter ring and fastenings of brass. Canvas cover extra. Price, $249.

MFR., Old Town Canoe Co., Old Town, Me.

15′ LAPSTRAKE

Made with planking of ½″ thick red cedar, brass-fastened to ribs and frame

of ash. Gunwales, transom and deck are of mahogany. Motors recommended 5 HP to 40 HP. An all-purpose boat constructed to meet severe weather conditions. Waterproof cover extra. Dimensions: 15′ long, 66″ beam, 54″ wide at stern, 36″ high at bow, 25″ depth amidships, and wt. approx. 350 lbs. Price, crated $570.

MFR., Old Town Canoe Co., Old Town, Me.

18′ LAPSTRAKE

Made with red cedar planking ½″ thick which is brass-fastened to ribs and frame of ash. Mahogany gunwales, transom and deck. An all-purpose boat made to withstand severe weather conditions. Waterproof cover extra. Price, $1495.

MFR., Old Town Canoe Co., Old Town, Me.

OSAGE MFG. CO.

CORE-GLASS BOATS

Available in 12 models, ranging from 14′ to 18′, these boats are made of marine plywood covered with fiberglass inside and outside. Boats have Sharp Vee at bow, gradually becoming semi-Vee, then almost flattening out at stern. Entire frame work is made up of full length steamed oak ribs, with six longitudinal ribs steam bent and fastened to arching ribs.

MFR., Osage Manufacturing Co., Box 117, Osage, Minn.

OWENS YACHT CO.

SPEEDSHIP 14

14′x69″x24″ depth amidships. Fiberglass hull and deck, of one-piece monohedron construction, bonded together and welded into one-piece unit. Color molded into material itself. Styrofoam is used for flotation. Features include self-bailing motor well, upholstered seats, windshield, steering, bow light, foredeck cleats, automatic bailer, step pads, transom handles, bow eye and built-in utility tray. Recommended maximum outboard horsepower, 40. Capacity 4 to 6. Approximate weight, 350 lbs., approximate shipping weight, 425 lbs. Price, $845.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 16 SUPER

15′3½″x69″, for 1 or 2 outboard motors. Approximate weight, 400 lbs. Features include Hyperbolic-Round-Vee bottom, raised forward deck, extreme flare, high freeboard and wide beam. Also 2 full-width seats, walk-through center deck, plus fore-and-aft seat in stern, floor boards, 3 deck cleats, towing eye and manual-operating syphon-type bilge drain. Price, $595.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 16 DELUXE

15′3½″x69″ deluxe outboard has chrome-trimmed wrap-around windshield, positive mechanical steering, automotive steering wheel and "Sea-Flight" fins. Included are safety manual-operating syphon bilge drain, lifting rings, ski tow bar and mirror, aft cleats, stern light and towing ring. Designed for speeds to

34 mph. Approximate weight, 550 lbs. Price, $1,395.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 19

19′x82½″, with transom suitable for 1 or 2 outboards of any size. Approximate weight, 1125 lbs. Boat has raised forward deck, 2 forward seats converting into bunk for 2, full width stern seat, storage lockers, automotive steering wheel and manual-operating syphon bilge drain. Price, $1,385.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 19 SPORTS CRUISER

With fiberglass hardtop, cockpit with 2 forward seats and full-width stern seat. Transom designed to take 1 or 2 outboards of any size, controlled remotely by Owens all-mechanical geared-type steering.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 19 EXPRESS CRUISER

19′x82½″ outboard cruiser, can be used with 1 or 2 outboard motors of any size. Has fiberglass cabin, raised forward deck, 2 cabin seat-berths, "hide-away" bow bunk sleeps 2, full width stern seat, storage lockers, ice chest and marine toilet. Automotive steering wheel. Price, $1.995.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 22

22′7″x8′, approximate weight, 2035 lbs. Express cruiser sleeps 2, has complete galley, ice box, folding dining table, private toilet room, manual-operating syphon-type bilge drain and automotive steering wheel. Can take single or twin installation of large-size outboard motors. Price, $2,795.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

PACESETTER BOATS, INC.

DELUXE RUNABOUT

15′x60″, weight, 340 lbs. For motors from 20 to 50 HP, runabout attains top speed of 34 mph at 40 HP. Carries 5, has molded mahogany plywood hull with all standard fittings. Also built in Fisher-

man and Special Ski models, all available in 14′, 15′ and 16′ lengths. Prices, from $470 to $715.

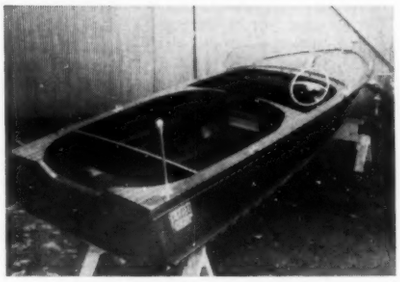
MFR., Pacesetter Boats, Inc., Waxahachie, Tex.

SERADA TWIN RUNABOUT

15′x58″, weight, 405 lbs., for motors from 35 to 60 HP, with top speed of 38 mph at 40 HP. Carries 5. Features include molded mahogany plywood hull with all standard fittings, plus running lights, windshield and Naugahyde-covered seats. Price, $1,125.

MFR., Pacesetter Boats, Inc., Waxahachie, Tex.

PARTEE BOAT MFG. CO.



HURRICANE 14 H

14′2″x68″. Weight of hull 300 lbs. Can use 60 HP motor. Carries 5 passengers. Mahogany molded plywood hull. This 14′ semi-V runabout with front deck has divided front seat, seat rest on rear seat. Deck is mahogany plywood. Price, $625. Includes bow handle, bow chocks, bow cleat, stem band, bow eye bolt.

MFR., Partee Boat Mfg. Co., 104 Coles Ferry Pike, Lebanon, Tenn.

CLIPPER 14 C, 16 C

These three semi-V boats have western cedar planking below the spray rails, African mahogany above, with fiber glass covered bottoms. Model 14C, 14′x 54″, weighs 235 lbs. Model 16C, 16′x54″, weighs 265 lbs. Model 14C and 16C use 40 HP motor. All have western cedar, African mahogany hull. Model 14C priced at $400; Model 16C is $450. Prices include stem band, bow eye bolt, oar sockets.

MFR., Partee Boat Mfg. Co., 104 Coles Ferry Pike, Lebanon, Tenn.

DELUXE CLIPPER 14 DC, 16 DC

These runabouts have western cedar planking below the spray rails, African mahogany planking above the spray rails and African mahogany decks. Fiberglas covered bottom. 14 DC, 14′x54″, weighs 265 lbs. 16 DC, 16′x54″, weighs 285 lbs. 14 DC & 16 DC can use 40 HP motor. 14 & 16 DC carry 4 and 6 people, respectively. 14 DC $515; 16 DC $565. Prices include stem band, bow eye bolt. For further information contact the manufacturer.

MFR., Partee Boat Mfg. Co., 104 Coles Ferry Pike, Lebanon, Tenn.

CELEBRITY 14

14′ moulded mahogany plywood deluxe runabout for motors from 60 HP upwards. Features tail fins, two-tone paint job, chrome trim, chrome hardware, wrap-around windshield, crash pads, and many other extras.

MFR., The Partee Boat Manufacturing Company, Lebanon, Tenn.

PLAYBOY

14′x54″, hull weight, 340 lbs. For 40 HP motors, with a top speed of 32 mph. Boat carries 800 lbs., is mahogany strip built with fiberglass-covered bottom. Features 3 decks, walk-through center deck, windshield, steering wheel, crash pads, and upholstered seats plus all chrome-finish hardware consisting of stem band, bow eye and handle, bow and stern chocks. Also has bow and stern lights. Price, $885.

MFR., The Partee Boat Manufacturing Co., 104 Coles Ferry Pike, Lebanon, Tenn.

NORSEMAN—14 N, 16 N

Two semi-V runabouts with front, divided center deck and rear deck of mahogany plywood. They have mahogany molded plywood hulls. Both can use 60 HP or larger motors and carry 5 people. 14 N, 14′2″x68″; 16 N, 15′10″. 14 N model weighs 350 lbs. 16 N model weighs 405 lbs. Price of 14 N, $750; 16 N $795. Prices include bow handle, bow chocks, bow cleat, stem band, bow eye bolt.

MFR., Partee Boat Mfg. Co., 104 Coles Ferry Pike, Lebanon, Tenn.

VIKING

15′3½″x68″, hull weight 435 lbs. Has 1,000 lb. capacity. For use with 60 HP motor. Top speed is 41 mph at 60 HP. Hull is of molded mahogany plywood. Features clipper bow, walk-through center deck, crash pads, upholstered seats, windshield, steering wheel, chromed hardware consisting of stem band, bow eye and handle, bow and stern chocks, bow and stern lights and metal extending from bow to stern at gunwales. Price, $935. Also in 14′ length.

MFR., The Partee Boat Manufacturing Co., 104 Coles Ferry Pike, Lebanon, Tenn.

CELEBRITY

15′3½″x68″; hull weight is 435 lbs. Has carrying capacity of 1,000 lbs., for 60 HP motor, at which top speed is 41 mph. Hull is of molded mahogany plywood, with clipper bow, 18″ windshield, convertible top and mahogany decks. Rigged for remote steering. Features include stern fins, crash pads, upholstered seats, all chrome-finish hardware, steering wheel, step plates and walk-through center deck. Price, $1,300.

MFR., The Partee Boat Manufacturing Co., 104 Coles Ferry Pike, Lebanon, Tenn.

WAYFARER—14 W, 16 W

These runabouts have front and center deck with lazy back seat rest on rear seat. Decks are mahogany plywood. Hulls are mahogany molded plywood. Model 14 W is 14′2″x68″, weighs 300 lbs. Model 16 W is 15′10″x70″, weighs 325 lbs. Both can use 60 HP or larger motors. 14 W carries 5, 16 W carries 6. Price of 14 W, $605; 16 W, $675. Prices include bow handle, bow chocks, bow cleat, stem band, bow eye bolt.

MFR., Partee Boat Mfg. Co., 104 Coles Ferry Pike, Lebanon, Tenn.

HURRICANE 16 H

15′10″x70″. Weight of hull 355 lbs. Can use two 35 or 40 HP motors. Carries 6 people. Mahogany molded plywood hull. This 16′ semi-V runabout with front deck has divided front seat, lazy back seat rests on rear seats. Deck is mahogany plywood. Price, $695 including bow handle, bow chocks, bow cleat, stem band, bow eye bolt.

MFR., Partee Boat Mfg. Co., 104 Coles Ferry Pike, Lebanon, Tenn.

PEMBROKE BOATS

SEA SKIFF 19

One of a new line of Pembroke boats ranging from 16 to 26 ft. Boats feature mahogany lapstrake construction, pronounced reversed flare forward, ventilating windshields and self-bailing motor well.

MFR., Pembroke Boats, Inc., Epsom, New Hampshire.

PENINSULAR FIBERGLASS PRODUCTS

VANGUARD SATELLITE

14′7″ outboard runabout has one-piece seamless hull construction and full-length molded-in flotation. Features wrap-around one-piece windshield, padded seat cushions and tail fins.

MFR., Peninsular Fiberglass Products, Inc., 1065 E. 30th St., Hialeah, Fla.

PENN YAN BOATS

SAPPHIRE

Available in 14′ and 16′ sizes. Split-center deck, stern deck equipped with hatch and motor well. Has natural two-toned mahogany decks, mahogany rails, sides, seats, transom and trim. Upholstery is triple-toned. Blue seat cushions, blue and beige backs piped in maroon. Crash moulding around both cockpits is blue, secured by beige trim, and the interior sides, at the end of each seat, are finished symmetrical pads of beige simulated leather, as is the dashboard. Trim is all chrome, brass or bronze.

MFR., Penn Yan Boats, Inc., Penn Yan, N. Y.

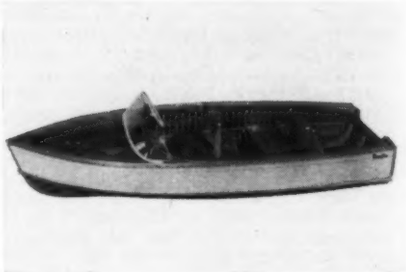
PLASTON BOATS

Plaston construction consists of a smooth cedar planked hull, brass fastened to steam bent oak ribs, covered by a tough reinforced plastic sheet which, it is said, will not rot, crack, or peel; has high impact strength. Cartop, in all six models, and Aerodinghies, in three models, are in Light Plaston Construction.

TRAILBOATS

The Trailboats in fourteen models, and the high-performance Swifts, in eleven models of ten, twelve and fourteen footers are in the Heavy Plaston Construction. In this same type of construction are the eight, nine and ten foot Yatchsman dinghies, and the entire canoe line of fifteen, sixteen, seventeen and eighteen footers.

MFR., Penn Yan Boats, Inc., Penn Yan, N. Y.

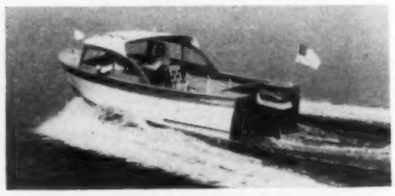


CAPTIVATOR LINE

1958 14′ outboard of dreadnaught plaston construction comes in eight models. The hulls have 5/16″ vertical grain cedar planking, locked to heavy, closely spaced bent oak ribs by silicon bronze fastenings. Also 16′ Captivators. Sealiners in Premium and Aristocrat grades.

MFR., Penn Yan Boats, Inc., Penn Yan, N. Y.

PENOBSCOT BOAT WORKS



CRUISE-O-RAMIC

19′3″x7′2″, hull weight, 1,040 lbs. For motors up to 70 HP. Top speed is 31

mph at 60 HP. Boat carries 4 to 8, has lapstrake plywood hull, and is salt-water fitted. Features fiberglass hardtop and front and side opening windshields. Price, $1,595.

MFR., Penobscot Boat Works, Inc., Sea Street, Rockport, Me.

SEA-O-RAMIC

19'3"x7'2", hull weight, 970 lbs. For motors to 60 HP, with top speed of 27 mph at 50 HP. Has lapstrake plywood hull, salt-water fitted. Price, $1,279. Also available is navy top, $75 installed.

MFR., Penobscot Boat Works, Inc., Sea Street, Rockport, Me.

PERSLEY & RIEHL MFG. CO.

CLINTON WAVE MASTER

14'x58". Weight, 290 lbs. For 25 HP range. Top speed 28 mph. Capacity 5. Steel hull. Welded construction, unsinkable; two select pine lumber seats. Constructed of 14 ga. copper. Price, $207.50 including hull, two wood seats, outboard motor bracket of marine plywood. Front deck, $20.

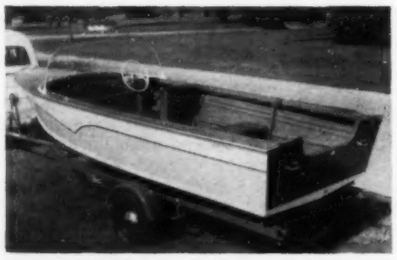
MFR., Persley & Riehl Mfg. Co., P.O. Box 381, Port Clinton, Ohio.

CLINTON SEAMASTER

15'x68". Semi V bottom with air chambers, one forward and one aft; forward deck and optional center deck; two seats, dividing board of mahogany. Chrome hardware including mooring bitt, bow chock, bow handle, & rear cleats. Price, $469.50.

MFR., Persley & Riehl Mfg. Co., P. O. Box 381, Port Clinton, Ohio.

POMPANO BOAT CO.



GOLD COAST CLIPPER

15'10"x68". Weighs 375 lbs. Plywood over mahogany framing. 15 to 40 HP. Top speed 32 mph. at 30 HP. Carries 6 passengers. Available in open utility, half center deck, and front drive models. Planking is plastic faced. Solid mahogany seats and trim. All joints bronze or brass fastened and glued. Price, $395 to $450. Also available in 17' model, $995.

MFR., Pompano Boat Co., Route 1, Pompano Beach, Fla.

PRECISION MARINE

FLYING SABER 15

14'2"x63" outboard runabout of molded birch plywood construction weighing 320 lbs. Capacity, 4 persons. For motors up to 40 HP. Special features include heavier construction than in previous models, and a selection of transom cutouts for standard or long shaft installation. Other boats of similar construction are the Flying Cloud 16 and the Ocean Express 17, in Sport Fisherman or Inboard (Fageol V.I.P.) models. Prices from $549 to $2378.

MFR., Precision Marine Company, 360 Morgan St., Phoenixville, Penna.

FLYING CLOUD 16

15'6"x69". Weight of hull, 350 lbs. Can use 15 to 60 HP motor. Top speed of 31

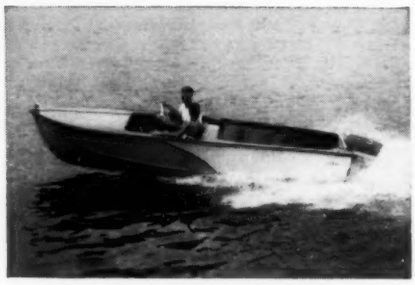
mph at 35 HP. Carries 6 people. Molded birch plywood hull. Price, $635. Price includes all hardware, walk thru center section. Accessories: windshield, $24; seat back for rear seat, $10.

MFR., Precision Marine Co., 718 Lancaster Ave., Bryn Mawr, Pa.

FLYING CLIPPERS

In the 1958 line the Ocean Sovereign 20 is the largest of the Flying Clipper models. With an overall length of 19'6", this molded plywood boat measures 21' in gunwale length. Beam is 7'9", transom width 6'10". Freeboard is 48" forward, 32" at the transom. Is furnished as a cruiser or sport fisher. May be ordered as an outboard boat, ready for installation of single or dual outboard motors, or as an inboard model equipped for installation of either one or two Fageol VIP power plants. Another Flying Clipper designed for single or dual outboard motors is the Ocean Express 17 which is also available as an inboard model, powered by a single Fageol VIP. Also in the line are the Flying Cloud 16 and the Flying Saber 15.

MFR., Precision Marine Co., Bryn Mawr, Pa.

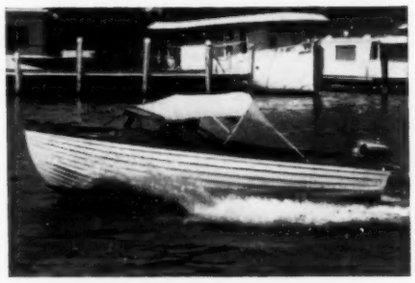


OCEAN EXPRESS 17

16'6"x77"x23". Speeds 30 mph with 35 HP Fageol VIP Four. Carries 6 to 8 people. Made of 5 ply molded birch plywood. Price, $865 including bow light, stern light, and all hardware. Other accessories available: windshield and canvas top.

MFR., Precision Marine Co., 718 Lancaster Ave., Bryn Mawr, Pa.

PRIGG BOAT WORKS



BAHAMA SEA SKIFF

19'x7'6". Weight of hull 725 lbs. Will carry two motors of the largest size. Top speed of 32 mph at 60 HP. Mahogany and oak ribs hull. Has reverse lap bottom, silicon bronze fastened. Ventilating windshield. Price, $1395 including: complete boat, hardware, lifting rings, ventilating windshield and steering. With cables, etc. Accessories available.

MFR., Prigg Boat Works, 501 N.W. South River Dr., Miami, Fla.

ALLEN QUIMBY VENEER CO.

BLUEFISH, JR.

13'6"x5'2", weight 300 lbs. For motors from 10-25 hp., this boat's top speed is 30 mph with 20 hp. It carries 4 passengers, has hull of mahogany plywood and oak frames. Price, $450.

MFR., Allen Quimby Veneer Co., Bristol Boats Division, Bingham, Me.

BLUEFISH

15'11" x 5'8". Weight, 425 lbs. Suitable for motors of 15 hp and up, this model reaches speeds to 40 mph. With mahogany hull and oak frame. Can carry 8 passengers. Price, $660. Accessories

include mahogany windshield and wings with safety glass, $90; automatic bailer, $14; steering wheel, pulleys, cable and control block, $50; folding top, $100; overall boat cover, $60. Crating for rail shipment, finished boat, $25; kit, $15.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

BONITO

21'2" x 7'9". This 1300 lb. boat reaches a speed of 30 mph with twin 35 hp motors. It has 2 full-length berths forward and large open cockpit aft. Constructed with mahogany plywood hull and oak frame. Price, $1,960, includes varnish trim, walk-thru seats, 2 berths, mooring hardware, running lights and windshield. Plastic-covered foam rubber berth and seat cushions, $160.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

REVEL CRAFT

21' UTILITY CRUISER

21' long, 7'10" beam, 10" draft, 43" free-

board forward and 30" freeboard aft, cockpit 6'x8', with two 7 ft. bunks. Wt. 750 lbs. Speed over 20 mph. A fast open runabout with room around the sides for a large fishing party. Optional equipment available for overnite or weekend cruising. Has driver's seat and companion seat and a mahogany instrument panel with 2 light switches. Also chrome-plated hardware and Everdur bronze screw fastenings. Recommended for use with 25 HP motor and up, single or twin installation. Price, $1,095.

MFR., Revel Craft Mfg. Co., P.O. Box 20, Arnold, Md.

21' EXPRESS CRUISER

21' long, 7'10" beam, 10" draft, 43" freeboard forward and 30" freeboard aft, cockpit 6'x8', with two 7 ft. bunks. Wt. 1,400 lbs. Speed to 25 mph. Has complete galley and enclosed toilet with large mirror in lavatory. A family cruiser with

home-like comforts. Running water, stove, insulated ice box, dish and tumbler racks, cupboards, sliding glass windows and full opening windshield, chrome-plated hardware, Everdur bronze screw fastenings, mahogany doors, main cabin bulkhead and sink top. Recommended for use with 25 HP motor and up, single or twin installation. Price, $1,945.

MFR., Revel Craft Mfg. Co., P.O. Box 20, Arnold, Md.

21' SPORT CRUISER

21' long, 7'10" beam, 10" draft, 43" freeboard forward and 30" freeboard aft, cockpit 6'x8', with two 7 ft. bunks. Wt. 900 lbs. Speed over 20 mph. For day cruising (or foam rubber mattresses available to convert bunks for "overnite"). With a pilot and a companion seat forward, 2 large lounge seats, and full-width stern seat, sliding glass windows and full opening windshield, mahogany instrument panel with 2 light switches, chrome-plated hardware and Everdur bronze screw fastenings. Recommended for use with 25 HP motor and up, single or twin installation. Price, $1,395.

MFR., Revel Craft Mfg. Co., P.O. Box 20, Arnold, Md.

RUSSELL BOATS, INC.

SANDUSKY SEA STREAK 13

12'7"x57", hull weight, 270 lbs. For motors from 15 to 40 HP, at which top speed is 40 mph. Carries 4. Hull is of molded birch plywood. Features front drive, walk-through styling, chromalloy molding, battery, and fuel tank platform. Price, $150. Available; steering system, $42, wrap-around windshield, $46.

MFR., Russell Boats, Inc., Foot of East Washington St., Sandusky, Ohio.

SANDUSKY BLUE STREAK 13

12'7"x57", hull weight, 295 lbs. Boat carries 2, recommended for motors from 22 to 40 HP, with top speed of 43 mph at 40 HP. Hull is of molded birch plywood; features include twin fins, and foam rubber upholstered seats. Price, $635. Also available are steering system, $42; wrap-around windshield, $46.

MFR., Russell Boats, Inc., Foot of East Washington St., Sandusky, Ohio.

SANDUSKY SKIPPER 15

14'9"x64", hull weight, 345 lbs. For motors from 25 to 40 HP, at which top speed is 38 mph. Carries 5, hull of molded birch plywood, front seat drive with walk-through seat back, back seat, back rest and battery and fuel tank platform. Price, $630. Also available; steering system, $42; wrap-around

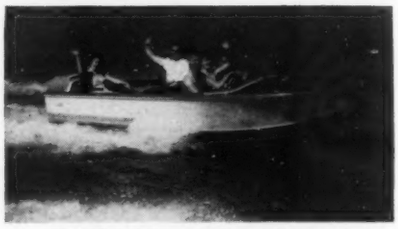
windshield, $46, and boat top and curtains, $92.50.

MFR., Russell Boats, Inc., Foot of East Washington St., Sandusky, Ohio.

SANDUSKY CUSTOM 15

14'9"x64", hull weight, 420 lbs. For motors from 30 to 40 HP, boat has a top speed of 35 mph at 40 HP. Carries 5. Hull is of molded birch plywood. Features include wrap-around windshield with brackets, complete deck hardware, running lights, foam rubber seat cushions and full rear deck. Price, $865. Also available; steering system, $42.

MFR., Russell Boats, Inc., Foot of East Washington St., Sandusky, Ohio.



SANDUSKY FISHERMAN 16

16'x72", hull weight, 490 lbs. For motors from 30 to 60 HP or twin engines, boat attains top speed of 40 mph at 60 HP. Carrying capacity from 3 to 6. Includes self-bailing twin motor well and full-floor open cockpit behind walk-through driver's seat. Price, $875. Accessories; steering system, $42; swivel fishing chair, $42; wrap-around windshield, $59; boat top and side curtains, $90.

MFR., Russell Boats, Inc., Foot of East Washington St., Sandusky, Ohio.

SANDUSKY DELUXE FISHERMAN 16

16'x72", hull weight, 525 lbs. For motors from 30 to 60 HP or twin engines, delivers top speed of 38 mph at 60 HP. Boat carries 3 to 6, has deluxe mahogany frame windshield, self-bailing transom well for twin engine installation, "Glide-ride" walk-through foam rubber front seat, full-floored after cockpit and two-tone decking. Price, $995. Accessories include swivel fishing chair, $42; navy top and side curtains, $92, and steering system, $42.

MFR., Russell Boats, Inc., Foot of East Washington St., Sandusky, Ohio.

SANDUSKY OFF-SHORE 16

16'x72", hull weight, 560 lbs. For motors from 30 to 60 HP, with top speed of 38 mph at 60 HP. Carries 6, has full rear deck with self-bailing transom well, mahogany frame windshield, and is fully foam rubber upholstered. Also has running lights, hardware and trim

molding. Price, $1,075. Available accessories include navy top and side curtains, $95.

MFR., Russell Boats, Inc., Foot of East Washington St., Sandusky, Ohio.

ST. CLOUD MARINE

SEA LARK

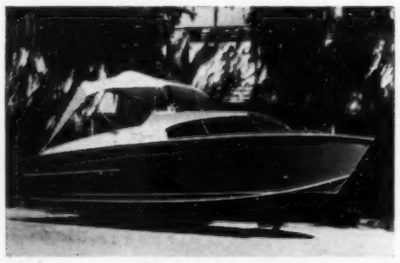
16'x6'7", hull weight, 450 lbs. For motors 35 HP or more, this boat has top speed of 28 mph at 35 HP. Carries 6, features large after cockpit, deluxe windshield, top, steering wheel, cushions, neoprene gunwale and complete metal trim. Hull is mahogany plywood. Price, $945. Fiberglass bottom, $150, also available.

MFR., St. Cloud Marine Mfg. Co., 1111 Massachusetts Ave., St. Cloud, Fla.

LANCER

16'x6'7", for 35 HP motor. Top speed is 28 mph at 35 HP. Sleeps 3. Hull of phenolic bonded 5-ply, ⅜" mahogany planking, with cedar longitudinals, fiberglass deck. Features include windshield, top, side and cabin curtains, helmsman seat, bunk cushions and steering wheel. Price, $1,438. Also available are head, $150; hatch screen, $15, and fiberglass bottom, $150.

MFR., St. Cloud Marine Mfg. Co., 1111 Massachusetts Ave., St. Cloud, Fla.



ROYAL LANCER

16'8"x7'2". For motors from 35 HP, boat attains top speed of 28 mph at 35 HP. Sleeps 3; hull features include phenolic bonded, 5-ply ⅜" mahogany planking, cedar longitudinals and fiberglass deck. Boat has windshield, top, side and cabin curtains, helmsman seat, bunk cushions and steering wheel. Price, $1,689. Also available are head, $150; hatch screen, $15, and fiberglass bottom, $150.

MFR., St. Cloud Marine Mfg. Co., 1111 Massachusetts Ave., St. Cloud, Fla.

SALEM BOATS

1958 SALEM FLEET

Hulls are of select African mahogany plywood over oak frames in runabouts and cruiser models. One has two full-size berths. Convertible top and side curtains enclose the entire cockpit for overnite use. 25' Cruiser has accommodations for four, and includes complete galley with sink, fresh water supply, icebox, and two burner stove. Upper bunks fold down, providing dinette seat backs. Full headroom, private head, and storage space are provided.

MFR., Salem Boats, P.O. Box 512, Salem, Va.

SEAMAID MFG. CO.

MONTEREY

14'x62" aluminum runabout with decked over bow and side decks, instrument panel and windshield, reinforced transom, oak motor mount, full-length stamped spray rails, non-slip floor paint, and Styrofoam flotation equipment. Constructed of .065" thick 5052 alloy, approximate weight 260 lbs; for motor up to 45-HP.

MFR., Seamaid Manufacturing Co., Inc., Kendallville, Indiana.

SEA OTTER BOAT CO.

11' FISHERMAN

11'x48", hull weight, 105 lbs. For motors from 3½ to 10 HP. Top speed is 25 mph at 10 HP. Carries 4. Fiberglass boat has 2 fiberglass seats, bow ring and 2 stern lifting handles. Available accessories include 2 bait wells, other equipment. Price, $260.

MFR., Sea Otter Boat Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

SPORTS RUNABOUT

11'x48", hull weight, 135 lbs. For motors from 5 to 16 HP. At 16 HP, top speed is 32 mph. Fiberglass boat carries 4, has molded one-piece front cockpit seat with fiberglass seat in stern. Has flotation, bow handle and 2 stern lifting handles. Accessories are available. Price, $330.

MFR., Sea Otter Boat Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

12' UTILITY

12'x60", hull weight, 140 lbs. For motors from 3½ to 16 HP. Has top speed of 28 mph at 16 HP. Fiberglass boat carries 4, has 2 fiberglass seats and flotation. Included are bow ring and 2 stern lifting handles. Available equipment includes 2 bait wells, accessories. Price, $325.

MFR., Sea Otter Boat Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

14' FISHERMAN

14'x60", hull weight, 160 lbs. Has top speed of 30 mph at 25 HP. Fiberglass boat carries 4, has 3 fiberglass seats, semi-V hull design and built-in flotation. Included are bow handle and 2 stern lifting handles. Also available are 2 bait wells and accessories. Price, $375.

MFR., Sea Otter Boat Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

15' MARINER

15'x70", hull weight, 380 lbs. Fiberglass boat carries 6, for motors from 25 to 60 HP. Top speed is 40 mph at 60 HP. Transom height is 20", with motor bracket for shorter shaft motors optional. Hull has flared bow with semi-V design, and molded fiberglass spray rails. Double bottom has flotation between layers. Has 3 fiberglass seats, bow handle and 2 stern lifting handles. Accessories are available. Price, $625.

MFR., Sea Otter Boat Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

15' SPORTSMAN

15'x70", hull weight, 410 lbs. Fiberglass boat carries 6, for motors from 25 to 60 HP. Top speed is 40 mph at 60 HP. Single front cockpit seat with walk-through center deck. Stern seat fore-and-aft or thwartships optional. Hull has flared bow with semi-V design, and molded fiberglass spray rails. Double bottom has flotation between layers. Includes bow handle and 2 stern handles, with recessed upholstery on seat back. Transom height is 20", with motor bracket for shorter shaft motors available, as well as accessories. Price, $695.

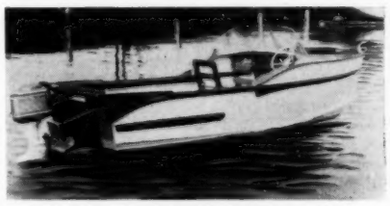
MFR., Sea Otter Boat Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

15' IMPERIAL

15'x70", hull weight, 460 lbs. Seats 6, for motors from 25 to 60 HP. At 60 HP top speed is 40 mph. Fiberglass boat has double cockpit seats, walk-through center deck and a flared bow with semi-V design. Double-bottomed hull has flotation between hull layers. Includes bow handle, two stern lifting handles and recessed upholstery on seat back. Transom height is 20 inches. Motor bracket for shorter shaft motors is available, as well as accessories. Price, $850.

MFR., Sea Otter Boat Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

SHELCRAFT, INC.



SPORTSTER

An 18' outboard cruiser which sleeps two in the cabin and seats seven in the cockpit. Constructed of 5 ply marine mahogany planking, 7 ply transom; features bonded outside chines of white oak. Fastenings are brass, bronze and Monel. For motors from 16 to 100 HP. Speeds to 41 mph with twin 35's. In eight colors, including copper-bronze bottom paint; or 56 two-tone combinations at slight extra charge. Price $960.

MFR., Shelcraft, Inc., Chester, Pa.

YACHTSTER

An 18' outboard cruiser with private cabin for two, furnished with forward hatch, paneled door, and 6' berths. Constructed of mahogany plywood planking on white oak frames with a white oak chine bonded on the outside. Fastenings are brass, bronze or Monel. For motors from 16 to 100 HP (a Fageol V.I.P. can be factory installed). Top speed over 40 mph. Standard equipment includes mahogany rear seat, bow and stern lights, spoked wheel, deck hardware, and control cable cover boards. Price $1065.

MFR., Shelcraft, Inc., Chester, Pa.

SHELL LAKE BOAT CO.

No. 12 & 14 DART

Has low seats, rear side seats, step-through lazy back, drain-out 20" transom. Upholstery available. 12'x64", for motors to 35 HP, and 14'x65", for motors to 50 HP.

MFR., Shell Lake Boat Co., Shell Lake, Wis.

G43 & G63 RAMBLER

With molded "Shelglas" hull and splash rails, aluminum gunwales and deck plate. Seats are molded in and transom has rubber pad. Available in 14'x61", for motors to 30 HP, and 16'x 63", for motors to 33 HP. Price, $440.

MFR., Shell Lake Boat Co., Shell Lake, Wis.

G95 TUFFY

15'1"x54", can be used with motors to 8 HP. Semi-round displacement type, easy to row.

MFR., Shell Lake Boat Co., Shell Lake, Wis.

112, 114 & 116 SPORTSMAN

Lightweight fishing boat has "Shelglas" hull, aluminum gunwales and deck plate. Larger models have drains under the seats. Available in 12½'x54", for motors to 10 HP; 14'2"x54", for motors to 15 HP, and 15'10"x58", for motors up to 20 HP.

MFR., Shell Lake Boat Co., Shell Lake, Wis.

14 & 16 ROCKET

"Shelglas" runabout is equipped with upholstery, Plexiglass windshield, hardware and steering. Equipment includes running lights, ski pulls, motor well in rear deck, rubber bumper molding, spray rails molded into hull and transom pads. Available in 14'x65", capacity of 750 lbs., and 16'x68", with capacity of 850 lbs. For motors up to 50 HP.

MFR., Shell Lake Boat Co., Shell Lake, Wis.

641 ROCKET

16'x66" fiberglass runabout, weight, 500 lbs. Top speed 30 mph at 70 HP, carrying capacity 900 lbs. Designed for front-seat steering, walk-through center deck. Includes deck hardware, windshield, steering and upholstery. Accessories available are cockpit cover, siren and spot light. Price, $1,095.

MFR., Shell Lake Boat Co., Shell Lake, Wis.

RANSOM F. SHOUP & CO.

CONGRESSMAN

15'11"x5'7½", hull weight, 490 lbs. Boat carries 5, for motors from 35 HP to the largest single motor. Top speed is 40 mph at 60 HP. Hull is of ⅜" 5-ply African-Utile mahogany marine plywood. Has non-trip chine bottom, and Naugahyde-covered "Collo" all-foam padded seats, front and rear. Price, $970.

MFR., Ransom F. Shoup & Co., 700 Railroad St., Ahoskie, N. C.

GOVERNOR

17'5"x6'7", hull weight, 720 lbs. For motors from 35 HP to the largest twin installation. Attains a top speed of 32 mph at 60 HP. Carries 6, has hull of ⅜" 5-ply African-Utile mahogany marine plywood. Features Naugahyde upholstery with "Collo" all-foam padding on 2 six-foot bunks, non-trip chine bottom, top, hardware, running lights, step plates and anti-fouling bottom. Price, $1,525.

MFR., Ransom F. Shoup & Co., 700 Railroad St., Ahoskie, N. C.

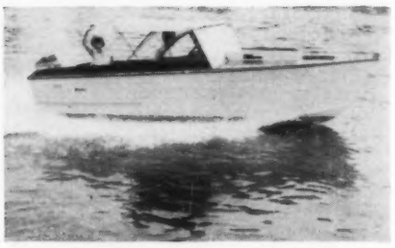
EMPRESS

18'1¼"x7'¾", hull weight, 730 lbs. For motors from 35 HP to the largest twin installation. 35 mph at 60 HP. Boat carries 7, has hull of African-Utile mahogany marine plywood, ⅜", 5-ply. It is double planked, with smooth interior and lap exterior, with convertible top, safety glass windshield, running lights and anti-fouling bottom. Price, $1,375. Also available are side and rear curtains.

MFR., Ransom F. Shoup & Co., 700 Railroad St., Ahoskie, N. C.

STATESMAN

18'9"x7'2½", for motors from single 35 HP to the largest twin installation. 33 mph at 60 HP. Boat sleeps 6, has portable head. Hull is lapstrake, double-planked in the cockpit from



cabin bulkhead to stern. Includes convertible top, running lights, gunwale hardware, splash molding, anti-fouling bottom, step plates and safety glass windshield. Price, $1,595.

MFR., Ransom F. Shoup & Co., 700 Railroad St., Ahoskie, N. C.

PRESIDENT

An 18' utility camper with 7' beam. Can be used with single or twin motors. Single 25 HP outboard recommended. Bunk space provided. Made of mahogany with ⅜" 5 ply marine mahogany plywood used in the sides, bottom, decks and floor. Framing, trim and seats are of ⅞" and ¾" solid mahogany timber. Convertible top, and fastenings of brass and bronze screws. Price, $1,095.

MFR., Ransom F. Shoup & Co., Ahoskie, N. C.

SID-CRAFT BOATS

RACING BOATS

Championship craft in BU & BSH in the 1956 Nationals included Sid-Craft Boats. The JU is 9½'x46", 65 lbs., $310. AU is 11'x48", 108 lbs., $345. BU the same cost and measurement at 120 lbs. CU and DU are 13'x54" at $455, with the CU weighing 180 lbs., the DU 210 lbs. In the Hydro class, outstanding Sid-Crafts are the JSH at $375, ASH at 9'8"x62", 118 lbs. for $400 and BSH the same, CSH and DSH are 10'8"x68" at 155 lbs. for $475. All planking, ribs, battens and transom are of African mahogany. Steering wheel and safety throttle installed, $45.

MFR., Sid-Craft Boats, Player Ave. & U. S. Route #1, New Brunswick, N. J.

SOUTHWEST MFG. CO.

LITTLE FISHERMAN MODEL LF-9

8'10"x42", "Arkansas Traveler," hull weight, 75 lbs. For motors to 5½ HP, boat has top speed of 12 mph at 5½ HP. Carries 2 to 3. Hull is of aluminum.

Price, $155.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

ANGLER MODEL AN-12

11'6"x45", "Arkansas Traveler," hull weight, 100 lbs. Aluminum boat recommended for motors to 5½ HP, attains top speed of 15 mph at 5½ HP. Carries 2 to 3, and is suitable for reeds, marsh grass or wooded lakes. Price, $170. Also available in a 14' model with 48" beam.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

FISHERMAN'S DREAM MODEL FD-14

13'8"x48", "Arkansas Traveler," hull weight, 130 lbs. Aluminum boat used with motors ranging up to 7½ HP, at which top speed is 18 mph. Carries 2 to 4, and has shallow draft. Price, $212. Other models available from 9' to 16'. Accessories include "Free Flow Livewell," $22.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

RESORTER PEX-148

13'6"x53", hull weight, 155 lbs. Light utility suitable for motors from 5 to 15 HP, with top speed of 22 mph at 15 HP. Boat has aluminum hull, carries 2 to 4. Price, $271.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

EXPLORER MODEL EX-14

13'6"x58", "Arkansas Traveler," hull weight, 180 lbs. Aluminum boat carries 2 to 5, for motors from 5 to 16 HP. Can attain top speed of 25 mph at 16 HP. Price, $295. Also available in a 12' model with 48" beam.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

SKI-TOR RB-13

13' "Arkansas Traveler," sports runabout, recommended for motors from 10 to 40 HP. Top speed is 33 mph at 40 HP. Boat carries 2 to 4, has aluminum hull with fiberglass deck and coaming. Price, $527.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

RAMBLER MODEL UT-15F

14'8"x64", "Arkansas Traveler," hull weight, 235 lbs. Utility boat carries 2 to 6, for motors from 10 to 35 HP. Top speed is 30 mph at 35 HP. Aluminum hull boat has medium foredeck. Price, $415. Also available in a standard 14' model with 60" beam (UT-147). Accessories are folding canopy, $45; fitted cover, $42, and bracket steering wheel mount with wheel and rigging, $60.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

DUCHESS MODEL DUT-15

14'8"x64", "Arkansas Traveler," hull weight, 360 lbs. Sports runabout has aluminum hull with fiberglass deck and coaming. Carries 4 to 5. For motors from 18 to 60 HP, with top speed of 40 mph at 60 HP. Includes windshield, steering wheel and rigging, cushions, battery box, chrome bow light and hardware. Price, $750. Accessories include folding canopy, $69.50, and fitted cover, $47.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

VISCOUNT, MODEL PSP-15

Sports runabout is 14'8"x63", hull weighs 360 lbs. For motors from 18 to 60 HP, boat can attain top speed of 40 mph at 60 HP. Carries 2 to 5. Hull is of aluminum with fiberglass deck and coaming. Features include steering wheel and rigging, windshield, cushions, chrome bow light, hardware and battery box. Price, $797.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

MARQUISE MODEL CSP-15

14'8"x64", "Arkansas Traveler," hull weight, 420 lbs. Sports runabout for motors from 18 to 60 HP, can attain top speed of 40 mph at 60 HP. Aluminum boat carries 4 to 5, has fiberglass deck and coaming with fins, fantail deck and auxiliary spray rails. Includes windshield, steering wheel, rigging, cushions, battery box, chrome bow light and hardware. Price, $925. Available accessories are folding canopy, $69.50, and fitted cover, $51.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

CONTESSA MODEL DC-16

15'8"x80", "Arkansas Traveler," for motors from 25 HP up. Top speed is 35 mph at 70 HP. Aluminum hull with fiberglass deck and coaming, integral spray rails and bilge keels are features of this day cruiser. Also has outrigger motor bracket wide enough for dual installation, and full width transom seat with space beneath for fuel tanks, battery and other equipment. With windshield, steering wheel and rigging, cushions, chrome bow light, hardware and battery box. Price, $1,125. Accessories include folding canopy, $89.50, and fitted cover, $56.

MFR., Southwest Manufacturing Co., 2008 E. 14th St., Little Rock, Ark.

SPARTAN SHIPBUILDING

1958 LINE

First of the line are two six-passenger open runabout models, the Spartan Sport and the Spartan Skiff, each of marine mahogany plywood, sturdily framed and finished either in natural wood or special two-tone painted hull. Both models now being delivered measure 14'2½" over all, with a 55" beam and a draft of 6⅝". Constructed on eight spruce frames. Rounded-V hull makes Spartans plane readily even under light horsepower. Recommended for most purposes, however, is the range of 7 to 15 HP.

MFR., Spartan Shipbuilding Corp., 270 Park Ave., New York 17, N. Y.

SPEEDICRAFT BOAT CO.

14' SPORTSTER

Length 14'4", centerline 13'4", overall beam 66", depth amidship 28", weighs approx. 350 lbs. Suitable for motors 15 to 50 HP. Designed for forward steering. Forward seat back has a walk-thru arrangement with no center deck; aft cross seat has folding back-rest; after cockpit is open. Suited to water skiing, cruising or fishing. All-mahogany boat with double-planked hull bottom, full-length polished aluminum keel and fender molding and bow handle of polished aluminum. Various color combinations available, or special combinations at extra charge. Price, $745. Optional arrangements available: Option No. 1 has a removable flat floor full length of aft cockpit. Has only 1 seat. No extra charge. Option No. 2 has part of aft cockpit decked over leaving proper opening for motor and tanks. $30 extra. Option No. 3 has center decks with walk-thru arrangement. Possible to steer from forward or aft seats on either side. $30 extra. Option No. 4 combination of Option No. 2 and No. 3. $60 extra.

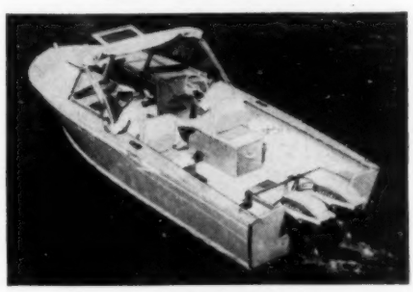
MFR., Speedicraft Boat Co., P.O. Box 1163, Jacksonville 1, Fla.

16' SPORTSTER

Length 16'4", centerline 15'4", beam 66", depth amidship 28", weighs approx. 405 lbs. Suitable for motors 25 to 50 HP. Price, $795. Optional arrangements available in this size same as in 14' Sportster.

MFR., Speedicraft Boat Co., P.O. Box 1163, Jacksonville 1, Fla.

STAMAS BOAT WORKS



19' CLEARWATER

This cruiser accommodates two motors for speeds over 30 mph. Will sleep two,

and has a toilet. Features a walk-thru ventilating windshield and sliding hatch, an 8'x11' self-bailing cockpit. Price, $1,730.

MFR., Stamas Boat Works, Pampas Ave., Tarpon Springs, Fla.

14' TROPICANA

Runabout with a 65" beam, it attains speeds up to 40 mph. A 1½" thick transom reinforced with a heavy knee and longitudinal bottom framing will carry the more powerful motors and heavier loads of gas and batteries. This model features forward and aft seats; full width supports to accommodate two gas tanks; wrap around windshields; and convertible top. Price, $659.

MFR., Stamas Boat Works, Pampas Ave., Tarpon Springs, Fla.

16' AMERICANA

16'x76" convertible cruiser. Obtains speeds up to 41 mph with 2 30-HP motors. Designed to meet the needs of the overnight cruiser, skier, fisherman and day cruiser. Built of Philippine mahogany plywood. Cushioned seats on sides slide out to make two 6'4" bunks. Air mattress fits between bunks and front seat. Offers windshield, folding canvas top, side curtains and cockpit enclosure. Toilet under port bunk that flushes. Offers plenty of free-board; safe top speed turns. Hot-spray finishes.

MFR., Stamas Boat Works, Pampas Ave., Tarpon Springs, Fla.

STARCRAFT BOAT DIV.
STAR TANK & BOAT CO.

STARCRAFT BOATS

Complete line of boats from 9' pram to 16' runabout capable of handling motors up to 60 hp. Aluminum, fiberglass and steel boats.

MFR., Starcraft Boat Co., Goshen, Ind.

SWIFT WOODCRAFT

TROPIC MARINER

16'x68"; weighs 465 lbs. Recommended HP: twin 35's; top speed, 40 mph. Framing: mahogany stringers, chines, rub rails, spray rails. Accessories: complete steering controls installed, $44; windshield for convertible top, with curtain rails, $65; automotive type convertible top, chrome hardware, $85; side curtains for convertible top, snap on, with pouch, $28.

MFR., Swift Woodcraft, Inc., Box 497, Mt. Dora, Fla.

TROPIC EXPLORER

20'1"x7'11"x8". Sleeps 3. Net weight (with toilet), 1008 lbs. Cruise range (24 gals. fuel), 4 hrs. Mahogany stringers, chines, rub and spray rails. Trim: mahogany throughout. Fastenings: brass, silicon bronze, monel and chrome plated. Price, $2050 including windshield, convertible top, side curtains and pouch, complete steering controls, deck hardware and bow light, bilge and well drains, step plates and bow eye, hatch regulator, chrome hinges and catches, polished chafe moulding and trim. Accessories: rear curtain with zipper door and pouch, $75; pair snap-in side screens and pouch, $36; hatch screen, snap-in, $7; toilet with hull fittings, hose and clamps, $115.

MFR., Swift Woodcraft, Inc., Box 497, Mt. Dora, Fla.

TROPIC VOYAGER

16'x68", weighing 485 lbs. Power, 15 HP to 50 HP. Carrying capacity, 4 to 5. Mahogany stringers, chines, rub rails, spray rails, etc. Fastenings: brass, chrome plated, silicon bronze and monel. Price, $765. Accessories: complete steering controls installed, $44; windshield for convertible top, with curtain rails, $65; side curtains for convertible top, snap on, $28.

MFR., Swift Woodcraft, Inc., Box 497, Mt. Dora, Fla.

UH-091 A, B HYDRO

9'x54" hydroplane of aircraft spruce frame with mahogany bottom and side decks and aircraft-fabric foredeck. Weight 100 lbs. with and 85 lbs. without hardware. Weight distribution 48-52%. Has recorded better than 61 mph in the "A-Racing" mile. Price $329.50.

MFR., Swift Woodcraft, Inc., Box 497, Mt. Dora, Fla.

BIG-BEE

9'6"x57", Model UHB-95, B-C, 3-point hydroplane, a new boat of monocoque airframe construction. Three ply mahogany over aircraft spruce; compound airfoil bottom; dihedronic trailing edges; low turbulence cowl; twin stirrups. Price $410.

MFR., Swift Woodcraft, Inc., Box 497, Mt. Dora, Fla.

BIG-DEE

11'x6' Model UHD-112, C-D-F hydroplane of aircraft spruce frame construction planked with 4mm, 3 ply mahogany. Fastenings are brass and chrome screws, Silicon bronze "Anchorfast" nails, Phenolic resin glue, brass and bronze bolts. Price $492.50.

MFR., Swift Woodcraft, Inc., Box 497, Mt. Dora, Fla.

SWITZER CRAFT

LIGHTNING 14

13'2"x72", hull weight, 350 lbs. For motors from 18 to 40 HP, runabout has top speed of 40 plus mph at 40 HP. Has plywood hull and carrying capacity of 805 lbs. Features include upholstery, cowlings, ski rings, chrome trim, floorboards and throttle board. Price, $540. Also available are steering, $45, and windshield and top, $135 installed.

MFR., Switzer Craft, Inc., P.O. Box 145, Crystal Lake, Ill.

SHOOTING STAR

14'6"x66", hull weight, 420 lbs. For motors from 18 to 40 HP, sports boat has top speed of 42 plus mph at 40 HP. Carries 4, has plywood hull, twin windshields, spring seats, full floor board, "rumble seat," and fins doubling as spray deflectors. Price, $895. Steering is available at $45.

MFR., Switzer Craft, Inc., P.O. Box 145, Crystal Lake, Ill.

LIGHTNING "COMBO"

14'3"x72", for motors from 18 to 60 HP. 35 mph at 40 HP. Plywood construction, reversible self-draining transom, convertible top, ski mast and storage. Price, approximately $900.

MFR., Switzer Craft, Inc., P.O. Box 145, Crystal Lake, Ill.

LIGHTNING 16

15'10"x72", hull weight, 450 lbs. For motors from 18 to 60 HP, boat attains top speed of 44 mph at 60 HP. Carries 6, has plywood hull. Features include ski rings, upholstery and cowlings. Price, $745. Also available are steering, $45 installed; convertible top, $135; cover, $42.50.

MFR., Switzer Craft, Inc., P.O. Box 145, Crystal Lake, Ill.

LIGHTNING 18

18'2"x86", hull weight, 650 lbs. For twin 18 to twin 60 HP motors, attains speed of 35 plus mph with twin 35's. Hull is plywood, carries 1500 lbs. Features back-to-back seating, full floor boards, self-draining cockpit, single or twin mount, front deck loading hatch and ventilator. Price, $1,495. Also steering, $45 installed and upholstery, $70 installed.

MFR., Switzer Craft, Inc., P.O. Box 145, Crystal Lake, Ill.

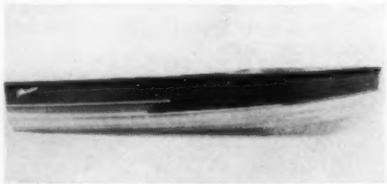
TERRY'S & SONS

SKIPPER

16' and 18' runabout which may be equipped with inboard power but usually is built for outboard installation of any size or type. Mahogany plywood planked and copper fastened. Available unpainted, with windshield, $595 to $995.

MFR., Terry's & Sons, Highway 36 and Central Ave., West Keansburg, N. J.

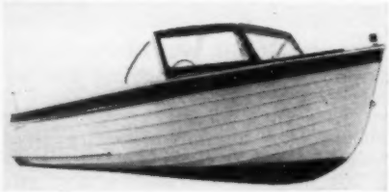
THOMPSON BROS. BOATS



14' LAP-CHINE

Boat has flat sheets of plywood on bottom and upper sides, and 3 narrow plywood strakes at chine. Strakes have safety-lap type bolting.

MFR., Thompson Bros. Boat Mfg. Co., Elm St., Cortland, N. Y.



17' SEA-LANCER

Recommended for use with 35 hp motor. Carries 4, and features safety-lap construction. Also "Sea Coaster" 16' model.

MFR., Thompson Bros. Boat Mfg. Co., Elm St., Cortland, N. Y.

18' OFF-SHORE

Boat features new flared bow, open cockpit with covered floor, and high gunwales. Carries 4, and has safety-lap construction. Can carry single or twin motors.

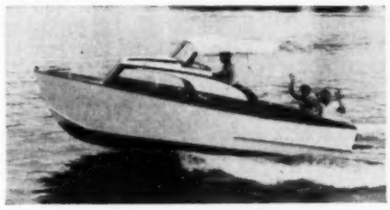
MFR., Thompson Bros. Boat Mfg. Co., Elm St., Cortland, N. Y.

TOPPER BOAT CO.

HARDTOP SPORTSMAN

20'6"x8', for motors from 25 to 60 HP. Top speed is 30 mph at 60 HP. Boat sleeps 4, has one head. Features include Vee type hull with skeg, water-tight engine compartment, toe rails, navigation and cabin lights and helmsman seat. Price, $1,495. Accessories include toilet, mattresses, steering, mooring cover, drop curtain and gas tanks.

MFR., Topper Boat Co., 5816 Ritchie Hwy., Baltimore 25, Md.



DELUXE SPORTS CRUISER

20'6"x8', for motors from 30 to 60 HP., at which top speed is 30 mph. Sleeps 4, has toilet. Features Vee type hull with skeg, water tight engine compartment, toe rails, mattresses, steering, navigation and cabin lights and full binnacle box. Price, $1,995. Accessories: navy top with side curtains, $120; 18-gallon capacity gas tanks, $49 each, and cockpit cover, $45.

MFR., Topper Boat Co., 5816 Ritchie Hwy., Baltimore 25, Md.

SEDAN CRUISER

20'6"x8', for motors from 25 to 60 HP, at which top speed is 30 mph. Sleeps 4, has head. Vee type hull with skeg; water tight engine compartment and toe rails are included, as well as complete galley, dinette table, mattresses, toilet, steering, cabin and navigation lights. Price, $2,295. Accessories: navy top with side curtains, $120, 18-gallon capacity gas tanks, $49 each, and cockpit cover, $45.

MFR., Topper Boat Co., 5816 Ritchie Hwy., Baltimore 25, Md.

TOMAHAWK BOAT CO.

TRAILER MATE

15'x62"x26". Can handle motor up to 40 HP. Tomahawk also offers eight other models also made of fiberglas. The company has converted its entire production to fiberglas. Price, $455.

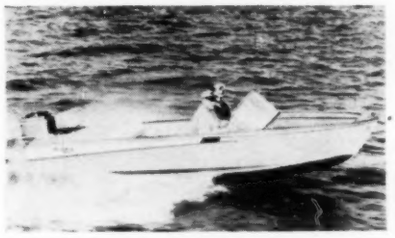
MFR., Tomahawk Boat Co., Tomahawk, Wis.

TROJAN BOAT CO.

MARLIN-15

15' boat features large opening windshield, convertible top, deep cockpit, forward seat with walk-through back and cross seats aft without obstruction. Back can be added to aft seat and half center deck can be fitted if aft steering station is desired.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.



SEA QUEEN 15

Outboard runabout available in Deluxe, Super Deluxe and Custom models. Deck and seating plans permit arrangement to suit individual preferences. Boat can take outboard motors up to 60 HP.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

MARLIN-17

Offshore sportsman boat has opening windshields, sleeps 2, and may be equipped with marine-type flush toilet. Triple-strength transom can take two outboard motors of any size.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

BIMINI 19

Features raised deck design, extra room for concealed toilet and storage space, wrap-around windshield, hard top, helm seats, controls and 2 full length berths. Can be used with single or twin outboards, or single or twin inboard engines of 40 HP or 80 HP.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

BIMINI 22

22′ boat for single or twin outboards, or one of seven inboard options. Power choices include conventional single engines of 70, 100 or 150 HP, as well as single or twin vertical installations of 40 to 80 HP each. Has roomy cockpit, concealed toilet, extra storage space, opening wrap-around windshield, hard top, helm seats, controls and 2 full length berths.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

SEA BREEZE-22

22′ family cruiser with either inboard or outboard power. Takes 2 outboard motors of any size. Inboard power options are conventional installations of single 70 HP, 109 HP and 150 HP engines, and vertical installations of single or twin 40 HP and 80 HP engines. Has 2 berths, private toilet room, complete galley, glassed cockpit side panels, or mahogany side panels.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

U. S. FIBER GLASS PROD.

PERFORMER HAVOC

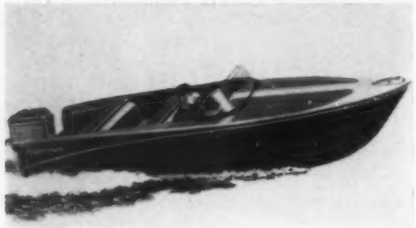
A 13′6″x68″ fast, maneuverable boat especially built for water sports. The hull design insures quick rising and fast planing with two or more skiers. Weight, 300 lbs.

MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

PERFORMER VAGABOND

A 15′3″x72″ runabout for skiing, fishing and pleasure. Large utility cockpit with walk through front and customized rear seats. Transom will take dual motors if desired, and steering and remote controls may be installed on either side. Weight, 400 lbs.

MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.



PERFORMER PLAYBOY

A 15′3″x72″ speed and pleasure boat, maneuverable safe riding with double cockpit providing comfortable seating capacity for several people while skiing or cruising. Transom will take dual motors if desired, and steering and remote controls may be installed in either side, front or rear. Weight, 420 lbs.

MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

PERFORMER SEVEN SEAS

15′11½″x79″, includes two berths and plenty of storage space. Ample cockpit space for fishing and water sports. All fiberglas construction of hull, deck and cabin trunk. Cockpit, 65″x84″; cabin 65″x90″; head room, 42″; weight, 720 lbs.

MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

PERFORMER TROPICANA

A 18′4″x92″ cabin cruiser, all fiberglas construction including hull, deck, cabin trunk and flying bridge. Large spacious cockpit with room for fishing and outdoor living. The cabin is fully equipped

with every detail. Two large berths, fresh water tank with sink, provisions for galley stove and marine head. Storage space. Cockpit, 72″x84″. Cabin, 80″x112″. Head room, 47″. Weight, 1,200 lbs.

MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

VIKING BOAT CO.

FISHERMAN

12′x46″ of marine alloy aluminum. For motors to 5½ HP. Recommended for

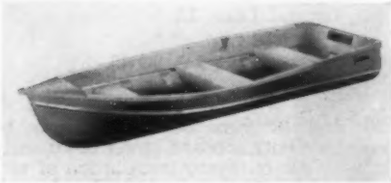
fishing, duck hunting, river use, and as tender and life boat. Hull is seamless, formed and fused into one piece. Includes Dow styrofoam flotation, lifting handles, anchor pulley, rope tie cleat, oar lock sockets and non-skid floor coating. Price, $159.

MFR., Viking Boat Co., Hwy. 13 North, Middlebury, Ind.

V-13 UTILITY

12′3″x50″, hull weight, 95 lbs. For motors to 10 HP. Top speed is 18 mph at 10 HP. Hull is formed and fused of special marine alloy aluminum, salt-resistant and seamless. Dow styrofoam is used in all 3 seats, which can carry 4 adults. Also lifting handles, bow cowl, anchor pulley, cleat, oar lock sockets and non-skid floor coating. Price, $189.

MFR., Viking Boat Co., Hwy. 13 North, Middlebury, Ind.



SEMI-V

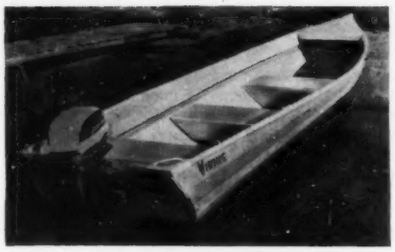
12′3″x50″. For motors to 10 HP. Boat is of marine alloy aluminum, with semi-V hull for level riding without pounding or bobbing. Has styrofoam flotation, lifting handles, bow cowl, anchor pulley, cleat, oar lock sockets and non-skid floor. Price, $189.

MFR., Viking Boat Co., Hwy. 13 North, Middlebury, Ind.

H-14 HEAVY DUTY

14′4″x56″, hull weight, 160 lbs. For motors to 35 HP. Top speed is 35 mph at 35 HP. Hull formed of 1/16″ special marine alloy aluminum, salt resistant. Includes Dow styrofoam in all 3 seats, lifting handles, bow cowl, anchor pulley, cleat, oar lock sockets and non-skid floor coating. Price, $360.

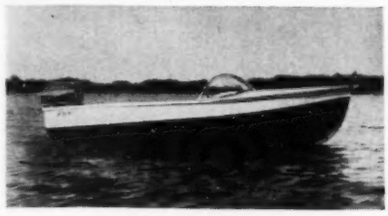
MFR., Viking Boat Co., Hwy. 13 North, Middlebury, Ind.



RESORT-SPECIAL

14'4"x56". Rowboat is of tempered full marine alloy aluminum resistant to salt. For motors to 35 HP, and suitable for fishing, rescue work, and as life boat and tender. Hull is formed and fused in one piece. Has Dow styrofoam flotation in all seats, lifting handles, bow cowl, anchor pulley, rope tie cleat, oar lock sockets and non-skid floor. Price, $360.

MFR., Viking Boat Co., Hwy. 13 North, Middlebury, Ind.

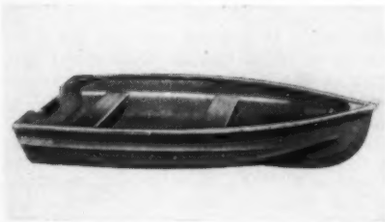


R-15 RUNABOUT

14'4"x58", hull weight, 210 lbs. For motors to 40 HP, this runabout has a top speed of 40 mph at 40 HP. Carries 4 adults. Hull is of 1/16" special marine alloy aluminum, salt resistant. For high speed, rough water use. Has one-piece molded fiberglass deck and dash, wrap-around windshield, steering wheel, enamel finish, lifting handles, Dow styrofoam flotation and non-skid floor coating. Price, $489.

MFR., Viking Boat Co., Hwy. 13 North, Middlebury, Ind.

WESTERN RUBBER PRODUCTS



CAR-TOP UTILITY

10'x55", weight 100 lbs. For motors to 10 HP, this boat has fiberglass hull and wooden gunwales and seats. Honey-comb double bottom construction gives flotation and strength without use of air-tanks, ribs and stringers. Price, $275, includes bow handle and rubber transom pad.

MFR., Westerner Boat Division, Western Rubber Products Co., 5001 E. Firestone Blvd., South Gate, Calif.

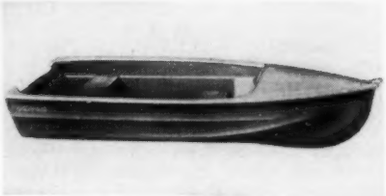
FISHERMAN UTILITY

11'7"x55", weight of hull, 175 lbs. For motors delivering up to 16 HP. Fiberglass hull, double bottom and wooden gunwales and seats. The honey-comb double bottom construction gives flotation and strength. Price $325, includes bow handle and rubber transom pad.

MFR., Westerner Boat Division, Western Rubber Products Co., 5001 E. Firestone Blvd., South Gate, Calif.

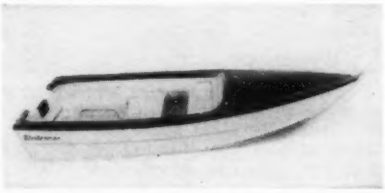
FISHERMAN DELUXE

11'7"x55", weight of hull, 175 lbs. For motors up to and including 16 hp. Boat has fiberglass hull, deck, gunwales and



wooden seats. Honey-comb constructed double bottom for flotation and strength. Price, $365, includes bow handle, stern handles and rubber transom pad.

MFR., Westerner Boat Division, Western Rubber Products Co., 5001 E. Firestone Blvd., South Gate, Calif.



SPORT SPEEDSTER DELUXE

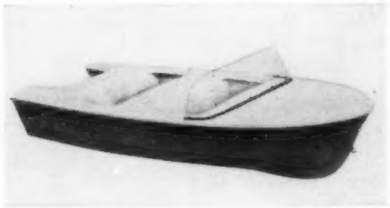
11'7"x64", weight of hull, 180 lbs. For motor, up to and including 20 hp. Fiberglass hull, deck and gunwales, fiberglass bucket seats and wooden front seat are included. Honey-comb double bottom gives flotation and strength without use of air tanks or stringers. Price, $425, includes bow handle, stern handles and rubber transom pad.

MFR., Westerner Boat Division, Western Rubber Products Co., 5001 E. Firestone Blvd., South Gate, Calif.

UTILITY RUNABOUT

13'10"x66", for motors to 40 hp. Boat has fiberglass hull, deck, gunwales, and wooden seats. Honey-comb construction of double bottom and deck for flotation without use of air tanks, ribs and stringers. Price, $595, includes bow eye, stern handles and rubber transom pad. Accessories available are canvas canopy top, $85, and custom-styled fiberglass windshield with safety glass sides and front, $115.

MFR., Westerner Boat Division, Western Rubber Products Co., 5001 E. Firestone Blvd., South Gate, Calif.



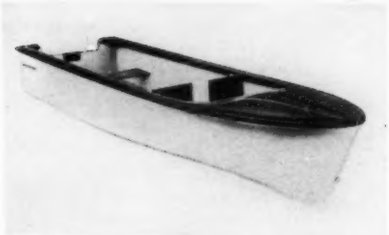
SPORT RUNABOUT

13'10"x66", weight 280 lbs. Six-passenger fiberglass runabout for motors to 40 hp. Honey-comb double bottom construction for flotation and strength without use of air tanks, ribs and stringers. Price, $795, includes bow eye, stern handles, Plexiglass windshield, 2 pairs of step plates, foam rubber upholstered seats, and rubber transom pad. Also available is walk-thru mid-deck in front seat, $50.

MFR., Westerner Boat Division, Western Products Co., 5001 E. Firestone Blvd., South Gate, Calif.

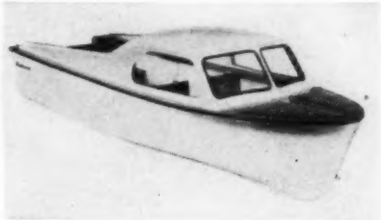
FAMILY UTILITY

15'11"x72", weight of hull, 350 lbs. Fiberglass boat, capable of carrying 6 or more passengers, for motor to 75 hp. Honey-comb construction of double bottom and deck supplies flotation and strength without use of air tanks, ribs



and stringers. Price, $845, includes bow eye, stern handles and rubber transom pad. Accessories available are canopy top, $100, and custom-styled fiberglass windshield with safety glass, $200.

MFR., Westerner Boat Division, Western Rubber Products Co., 5001 E. Firestone Blvd., South Gate, Calif.



FAMILY DAY CRUISER

15'11"x72", weight of hull, 550 lbs. Fiberglass cruiser, which can carry 6 passengers or more. For use with motors up to and including 75 hp. Honey-comb constructed double bottom, deck and cabin top gives flotation and strength without use of air tanks, ribs and stringers. Price, $1,145, includes bow eye, stern handles and rubber transom pad.

MFR., Westerner Boat Division, Western Rubber Products Co., 5001 E. Firetone Blvd., South Gate, Calif.

WHITEHOUSE REINFORCED PLASTIC CO.

RANGER 13'

13' lightweight fishing model weighs under 200 lbs., and is recommended for use with 3 to 18 hp motors. Boat is equipped with "E-Z-Lift" 3-point gunwale handles and drain plug. Price, $298.

MFR., Whitehouse Reinforced Plastic Co., Route 3, Box 219, Fort Worth, Tex.

SCOUT 14'

14' lightweight fishing model weighs under 200 lbs., and is recommended for 3 to 18 hp motors. It has "E-Z-Lift" 3-point gunwale handles and drain plug. Price, $349.

MFR., Whitehouse Reinforced Plastic Co., Route 3, Box 219, Fort Worth, Tex.

APACHE 14'

14' boat has standard equipment including bow and stern handles, windshield, complete steering assembly and Naugahyde-covered seats of urethane foam plastic. Price, $545.

MFR., Whitehouse Reinforced Plastic Co., Route 3, Box 219, Forth Worth, Tex.

BONITO 15'

15' twin cockpit runabout of fiberglass construction, for motors to 60 hp. Seats six, has semi-Vee soft chine bottom design. Equipped with bow and transom handles, windshield, complete steering assembly, drain plug, padded dash and Naugahyde-covered urethane plastic

foam upholstery. Price, $695.

MFR., Whitehouse Reinforced Plastic Co., Route 3, Box 219, Fort Worth, Tex.

SABER 15'

15' deluxe runabout has 71" beam and semi-Vee soft chine hull. Standard equipment includes bow and stern lights, matching interior side panels and full set of chromed deck hardware. Upholstery is covered in Naugahyde. Price, $995.

MFR., Whitehouse Reinforced Plastic Co., Route 3, Box 219, Fort Worth, Tex.

DOLPHIN 16'

16'x6'6"x33" boat has semi-Vee soft chine hull. For single or twin outboard motors of any size. Offers a 20" transom and bait well optional at no extra cost, and is equipped with windshield, bow and stern handles, complete steering assembly and Naugahyde-covered urethane plastic foam seats. Price, $995. Available accessories include rear seat cushion and lean-back.

MFR., Whitehouse Reinforced Plastic Co., Route 3, Box 219, Fort Worth, Tex.

SEA LARK 18'

18'x7' runabout has semi-Vee, soft chine monohedron bottom design. For outboards to 120 hp, or inboard engines up to 250 hp. Price, $1,595, equipped with all accessories shown. Also available is the 18' "Lark Liner," a closed cabin cruiser utilizing hull similar to Sea Lark.

MFR., Whitehouse Reinforced Plastic Co., Route 3, Box 219, Fort Worth, Tex.

WINNER MFG. CO.

WARRIOR 12

12'x54" fiberglass runabout weighing 220 lbs., with a capacity of 750 lbs. Capable of taking a motor to 25 hp, for speeds to 30 mph. Chrome plated hardware and Styrofoam flotation equipment. Price, $485.

MFR., Winner Manufacturing Company, Inc., Trenton 3, N. J.

SEAHAWK 15

14'3"x61" fiberglass runabout weighing 365 lbs., with a capacity of 1,100 lbs., and a motor range from 10 to 40 hp, for speeds to 30 mph. Chrome plated hardware and Styrofoam flotation equipment. Price, $775.

MFR., Winner Manufacturing Company, Inc., Trenton 3, N. J.

VOYAGER 17

15'10"x76" fiberglass runabout with capacity of 1400 lbs., for motors from 25 to 70 hp, attaining speeds over 30 mph. Equipment: panoramic windshield, steering wheel, bow light, deck hardware, Styrofoam flotation, and foam rubber seats with white vinyl covering. Available with 20" transom for long-shaft motors or standard 15" transom. Self-bailing well optional. Weight, 700 lbs. Price, $1,295.

MFR., Winner Manufacturing Company, Inc., Trenton 3, N. J.

SEAHAWK

15' fiberglass reinforced plastic-hulled boat. Attains speeds over 30 mph. For motors of 10 to 40 HP. Hull weighs approximately 365 lbs., capacity, 1,100 lbs. Features chrome-plated hardware and swept back wing fin. Price, $775 for hull with equipment listed.

MFR., Winner Manufacturing Co., Inc., Box 399, Trenton, N. J.

VIKING

17' fiberglass reinforced plastic-hulled runabout, used with twin 35 HP motors. Attains top speed of approximately 40 mph. Can take single motors from 25 to 60 HP, with speeds over 30 mph. Weighs approximately 625 lbs. Features include tapering stern fin. Available in 20" transom for long shaft motors or 15" transom for standard shaft outboards. Price, $1,150 hull.

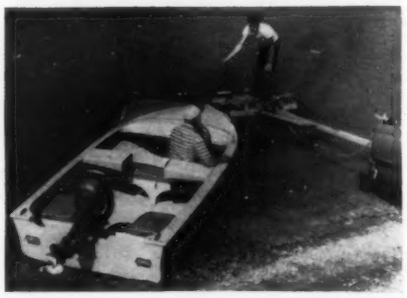
MFR., Winner Manufacturing Co., Inc., Box 399, Trenton, N. J.

WIZARD BOATS, INC.

RUNABOUT

13'x68". Weight of hull 350 lbs. Can use 18 to 40 HP motor. Top speed of 40.9 mph at 40 HP. Carries 500 lbs. Fiberglas reinforced plastic hull. This boat has non-trip chines, neoprene gunwale guard, upholstered seats, controls running through central control-lead tunnel, molded in flotation, individual windshields, all standard equipment.

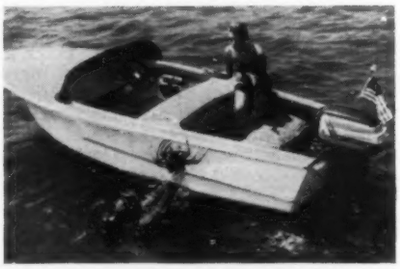
MFR., Wizard Boats, Inc., 2075 Harbor Blvd., Costa Mesa, Calif.



UTILITY

13½'x64½". Weight of hull 240 lbs. Can use 5 to 35 HP motor. Top speed 32½ mph at 30 HP. Carries 700 lbs. Fiberglas reinforced plastic hull. Has positive arc bottom, full length molded spray rails and positive flare at transom. Bow flotation unit and stern flotation units molded in. Price, $515 including fiberglas color impregnated.

MFR., Wizard Boats, Inc., 2075 Harbor Blvd., Costa Mesa, Calif.



HOLIDAY

13'10"x69". Weight of hull 350 lbs. Can use 15 to 50 HP motor. Top speed 33⅓ mph at 40 HP. Carries 900 lbs. Fiberglas reinforced plastic hull. Has non-trip chines, molded-in control mounts both sides, neoprene gunwale guard, especially designed for water skiing and water sports in general; flare on bow; molded-in bow flotation unit. Price, $625. Accessories available: center deck, $65; upholstery, $47.50; split front seat upholstered, $75.

MFR., Wizard Boats, Inc., 2075 Harbor Blvd., Costa Mesa, Calif.

SEDAN RESORTER

14'10"x6'. Can use 10 to 40 HP motor. Top speed of 28 mph at 40 HP. Fiberglas-plastic hull with semi-vee, planing bottom featuring spray deflecting chines and heavy flare together with depth necessary for rough water use. No exposed wood in boat. Hull, deck, cabin, seats, etc., all of molded construction. Molded in exterior colors. Neoprene gunwale guard. Cabin removable. Adequate bow and stern flotation.

MFR., Wizard Boats, Inc., P.O. Box 246, Costa Mesa, Calif.

SEDAN MARLIN

15'11"x6'6". Can use 15 to 60 HP motor. Top speed of 25 mph at 40 HP. Deep semi-vee hull of fiberglas plastic. Full flare, spray deflecting chines, no exposed wood, rough water type. Planing hull. Can sleep one person. This boat has full molded construction with integral col-

ors. Neoprene gunwale guard. Removable cab of shelter type. Adequate bow and stern flotation and one bunk fwd. std. equipment.

MFR., Wizard Boats, Inc., P.O. Box 246, Costa Mesa, Calif.

CRUISER

19'x7'9". Can use 25 to 75 HP motor. Full molded construction, fiberglas-plastic, semi-vee planing hull with spray deflecting chines and full flare. Adequate flotation. Molded-in colors. Can sleep two people. Has space for cooking facilities, one head. Has express type with trunk cabin and flying bridge. Escape hatch fwd. 6'6" bunks. Self bailing motor well. Neoprene gunwale guard. Pastel colors. No exposed wood.

MFR., Wizard Boats, Inc., P.O. Box 246, Costa Mesa, Calif.

WIZARD EL DORADO

19' outboard cruiser of fiberglass and plastic construction. The cabin is molded and fitted to the boat, and is furnished with two bunks, marine toilet, and other equipment. Deck gear includes flying bridge windshield, steering controls, and a self-bailing scupper well. Other boats include 4 models of the 16' Marlin, the 15' Resorter, the 14' Holiday, the 13' Golden Wasp, and a utility boat. Plants in California and Tennessee.

MFR., Wizard Boats, Inc., Costa Mesa, Calif.

YELLOW JACKET BOAT CO.

BEACHCOMBER

Designed for fishing and utility use, model comes in 12', 14', and 15' sizes with over all lengths of 12'1½" to 15'1½"; gunwale measurements, 12'11½" to 16'3". It is available with a 57" to 65" beam; forward depth of from 25" to 29"; aft, 19½" to 25"; transom width, 46" to 56½", and approx. weights of from 150 to 250 lbs. Maximum HP of 50 for 12' model, 100 for 14' and 15' models. Has mahogany finish, E-Z-Ride shock absorber seats.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

CAPRI

This double cockpit model with Flote-N-Ride seats and two cockpits comes in three sizes, 12', 14' and 15'; over all lengths from 12'1½" to 15'1½"; gunwale measurements from 12'11½" to 16'3". It is available with beams of from 57" to 65"; forward depth of from 25" to 29"; aft, 19½" to 25"; transom widths from 46" to 56½", and weights of 190 to 295 lbs. Maximum HP for 12' model is 50; for 14' and 15' models, 100. Capri Deluxe is available with two-tone quilted foam rubber upholstery in choice of color combinations.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

MONTERREY

This sports model with Flote-N Ride seats and walk-through forward back rest, rear deck, comes in three sizes, 12', 14' and 15'; over all lengths from 12'1½" to 15'1½"; gunwale measurements from 12'11½" to 16'3". It is available with beams of from 57" to 65"; forward depths of from 25" to 29"; aft, 19½" to 25"; transom widths, 46" to to 56½", and weights of approx. 195 to 305 lbs. Maximum HP for 12' model is 50; for 14' and 15' models, 100. Monterrey Deluxe is available with two-tone quilted foam rubber upholstery in choice of color combinations.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

CRUISETTE

Model has over all length of 15'6", gunwale measurement, 16'6", beam, 70", depth forward, 29"; aft, 24½", transom width, 56½", and approx. weight of 320 lbs. Maximum of 100 HP. Special features include extra wide beam; two adjustable windshields; optional convertible top; roomy cockpit with Flote-N Ride seat forward. Deluxe Cruisette has two-tone quilted foam rubber upholstery.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

SPORTSMAN

Model has over all length of 15'6", gunwale measurements, 16'6", beam, 70", depth forward, 29", aft, 24½", transom width, 56½", and gross weight of 250 lbs. Maximum of 100 HP. Special features include extra wide beam, optional convertible top, roomy cockpit with Flote-N Ride seat forward. Also available in upholstered Deluxe model.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

RIVIERA

This runabout comes in three sizes, 12', 14' and 15'; over all lengths from 12'1½" to 15'1½"; gunwale measurements from 12'11½" to 16'3". They are available with beams of from 57" to 65"; depths forward of from 25" to 29"; aft, 19½" to 25"; transom widths from 46" to 56½", and weights of 170 to 280 lbs. Maximum HP is 50 for 12' model, 100 for 14' and 15' models. Deluxe runabout is available with two-tone quilted foam rubber upholstery in choice of color combinations.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

CATALINA

Model comes in three sizes, 12' to 14' and 15'; over all lengths from 12'1½" to 15'1½"; gunwale measurements from 12'11½" to 16'3", and are available with beams of from 57" to 65"; forward depths of from 25" to 29"; aft, 19½" to 25"; transom widths from 36" to 56½", and approx. weights of from 170 to 280 lbs. Maximum HP for 12' models is 50, for 14' and 15' models, 100 HP. Catalina Deluxe is available with two-ton quilted foam rubber upholstery in choice of color combinations.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

FURY

This runabout comes in 14' and 15' sizes, with over all lengths of 14'1½" and 15' 1½"; gunwale measurements, 14'11½"

and 16'3". It is available with a 60" and 65" beam; forward depth, 27" and 39", aft, 20½" and 25"; transom width, 51" and 56½", and approx. weights of 250 and 295 lbs. Maximum of 100 HP. Has Flote-N Ride seats, walk-through forward back rest, chrome-trimmed hatch in rear deck for fuel tank and gear, panoramic windshield.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Tex.

CRUISETTE DELUXE

17' molded mahogany plywood runabout with patented "Stressmaster" laminated transom guaranteed to support motors to 100 hp. Features spring seats as standard equipment. Also available in 14' and 15' models.

MFR., Yellow Jacket Boat Co., Inc., P.O. Box 264, Denison, Texas.

NEW ANNOUNCEMENTS

ALBRIGHT BOAT & MARINE CO.

OFFSHORE FISHERMAN

16'8"x79". Mahogany plywood construction. Will take up to 35 HP motor installation. Has wraparound windshield, convertible top. Price, $950.

MFR., Albright Boat & Marine Co., 520 Penman St., Charlotte, N. C.

ALUMINUM BOAT & CANOE CO.

COMMODORE 58

14'4"x67"x28½" depth. Weight 400 lbs. Aluminum outboard for motors up to 40 HP. Bow and stern handles and self bailer are standard equipment. Price, $698.50.

MFR., Aluminum Boats and Canoes, Inc., Princeville, P.Q., Canada.

AMERICAN BOAT CO.

FLAG LINE

Line of 16' fiberglass boats with a variety of deck and seating arrangements available. Basic runabout, shown, is de-

signed to handle motors up to 40 HP. Other models include the deluxe sports runabout, and a hardtop cruisett with a shelter cabin and bunks for two.

MFR., American Boat Co., 170 Lake Drive E., Packanack Lake, N. J.

ANCHORAGE INC.

16' GLAMOUR GIRL

15'9"x5'10"x14". Utility carries 5 to 6 and features extreme flare at bow with narrow entrance, semi-tunnel stern with protecting skeg, and is lightweight for trailer transportation and yacht tender service. Can be used with either single or twin outboard installations.

MFR., Anchorage, Inc., 57 Miller St., Warren, R. I.

20' UTILITY

19'6"x7'3"x20" utility has extreme flare at bow with narrow entrance. Excellent rough water performance makes it ideal bass boat with speed for water skiing. Carries 6 to 8. Utility can be used with either single or twin outboard installations.

MFR., Anchorage, Inc., 57 Miller St., Warren, R. I.

ANGLER BOAT CO.

ANGLER KBD

Boat is 14'x52", weighs 210 lbs. Takes up to 10 HP motors. Price, $325.

MFR., Angler Boat Co., Inc., Penn Yan, N. Y.

ASSOCIATED NAVAL ARCHT.

A.N.A. 1600

16' boat has lapstrake construction. Takes up to 70 HP motors. Price, $680, plus accessories.

MFR., Associated Naval Architects, Inc., West Norfolk, Va.

ATLANTIC MARINE INDUSTRIES

NEWPORT 14' DELUXE

14' deluxe fiberglass boat has two decks, with center deck walk-through design, and "foam-float seats." Also available in standard model.

MFR., Atlantic Marine Industries, Pemberton, N. J.

NEWPORT 16' DELUXE

16' fiberglass deluxe boat has three decks, with center deck walk-through design. Features include "foam-float seats." Also available in standard model.

MFR., Atlantic Marine Industries, Pemberton, N. J.

BALCO YACHT CO.

16' SEA SCOT

16'x5'6"x10" boat is available in ski and utility models, and may be used with either inboard or outboard power, single or twin installations, up to 95 HP. Boat seats 6, has semi-round hull.

MFR., Balco Yacht Co., 19 Stansbury Rd., Dundalk 22, Md.

BEE-LINE MFG. CO.

SAPPHIRE

16' fiberglass runabout with a beam of 93" at fin tips, 74" at transom, depth of 29", weight 390 lbs. Steering wheel, rear view mirror, speedometer, 18" wraparound windshield, and deck hardware, are furnished as standard equipment. Available with a "Ventilaire, Tote 'n Float" trailer specially adapted to accommodate the "Sapphire."

MFR., Bee-Line Manufacturing Co., Grand Rapids, Mich.

BELLINGHAM SHIPYARDS

FISHERMAN

13'9"x65", boat has Mercury Mark 10 motor. Price, $565.

MFR., Bellingham Shipyards Co., Bellingham, Wash.

BELL BOY HARDTOP

18'3"x36¼" boat will take motors up to 70 HP. Price, $2,180.

MFR., Bellingham Shipyards Co., Bellingham, Wash.

BANSHEE SKI BOAT

14'7"x71". Recommended horsepower range for motor, 25 to 50 HP. Top speed is 35 mph at 50 HP. Fiberglass hull has built in spray-chines, swept wing styling, walk-through seat, upholstery, deeply flared bow, steering, windshield and deck hardware. Available accessories are jump seats and motor well.

MFR., Bell Boy Boats, Div. of Bellingham Shipyards, Foot of Cornwall Ave., Bellingham, Wash.

16' RUNABOUT

15'11"x81". Takes 35-50 HP outboard motor installations. Top speed is 35 mph at 50 HP. Fiberglass hull of seamless one-piece, reinforced construction. Styrofoam flotation, impregnated colors. Features built-in spray-chines, deeply flared bow, Steering and deck hardware. Also available as convertible, hardtop and express models. Available accessories include gas tanks, cockpit cover, lifting gear and lights.

MFR., Bell Boy Boats, Div. of Bellingham Shipyards Co., Foot of Cornwall Ave., Bellingham, Wash.

19' EXPRESS

18'5"x7'3½". Seamless one-piece hull of reinforced fiberglass with impregnated colors and built-in flotation. Features deep flaring bow, built-in spray-chines, roomy cockpit, trunk cabin, chrome windshield molding and trim. Boat has steering, deck hardware, upholstered seats, foam rubber mattresses, sink, water tank, head, panel light and running lights. Accessories include gas tanks, cockpit cover and lifting gear. Also available in convertible and hardtop models.

MFR., Bell Boy Boats, Div. of Bellingham Shipyards Co., Foot of Cornwall Ave., Bellingham, Wash.

21' EXPRESS

21'2"x7'10". Takes 50 or 60 HP outboards in twin installation. Top speed is 30 mph at 100-120 HP. Seamless one-piece hull of reinforced fiberglass construction. Has complete flotation. Has sleeping accommodations for two, and head. Built-in spray-chines, deeply flared bow. Roomy cockpit and cabin are features. Accessories available include convertible top, cockpit covers and lifting gear.

MFR., Bell Boy Boats, Div. of Bellingham Shipyards Co., Foot of Cornwall Ave., Bellingham, Wash.

BOAT DISTRIBUTION INC.

RUNABOUT

14' all fiberglass deluxe runabout which will take the larger HP outboard motors. Also available in fiberglass is a 16' sport fisherman with an 82" beam and extreme flare forward. It is equipped with top, windshield, hardware, compass, dash panel, speedometer, steering, two full swivel fishing chairs, rod holders, and self-bailing motor well. Priced under $1700, less motor. A 16' plywood family cruiser with two 6'9" berths and generous cockpit space is priced under $800.

DIST., Boat Distributions, Inc., P.O. Box 474, Clinton, N. C.

BOTVED BOATS CO.

CORONET CRUISERS

16' hardtop convertible, 18' hardtop sedan and 18' utility models feature open-up panorama windshield, completely covered color-impregnated fiberglass hulls, new "noise ease" motor covers.

All have sleeping accommodations for three to four persons. Boats are designed by Richard C. Cole, built in Denmark.

MFR., Botved Boats Co., Fort Lauderdale, Fla.

BRYANT'S MARINA

15' SKI KING

African mahogany plywood construction with fiberglass deck and fiberglass fins. It has water tight motor scupper, full width front and rear seats, wraparound windshield, upholstery, lined cockpit panels, rubber mat-covered floor boards. Deck hardware, steering, and an accessible throttle block are standard equipment. Also available as "Corvette" all-fiberglass model.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

15' PACER

Fiberglass construction. Boat is furnished with seat arrangements for four.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

15' SPORTSMAN

Fiberglass construction. Open utility has walk through front seat back, wraparound windshield, deck hardware, installed steering, floor matting, lined cockpit. Economy version also available.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

16' VAGABOND

Fiberglass construction. Furnished with windshield, convertible top, hardware and steering. Has lined cockpit, water tight motor scupper. Designed to take 50 HP motors. Also available in economy model.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

16' RAIDER

Boat has open cockpit with full width after seat, watertight motor scupper with gas storage underneath, fiberglass deck, windshield, convertible top, deck hardware, upholstered seats and cockpit paneling. Economy version of this model does not have upholstery, lined cockpit, hardware, windshield, motor scupper or full width back seat. African mahogany plywood construction.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

18' FIESTA

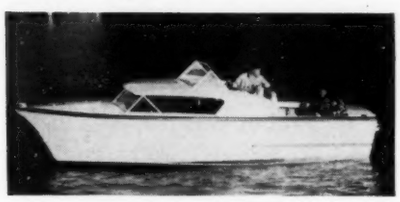
Fiberglass construction, express cruiser. Has locking cabin door, bunks for two, dinette table, installed sink, space for head. It has 20" transom, water tight motor scupper. Boat will handle 35 HP motor installation. Equipped with hardware, running lights and steering. Economy model also available.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

18' CORSAIR

African mahogany plywood construction with fiberglass deck that includes a forward hatch. Boat is equipped with windshield, convertible top, installed hardware, steering, lined cockpit and upholstered seats. It has 20" transom for long shaft motors, and a built-in water tight motor scupper. Furnished with pilot seat and companion seats that convert into bunks. Storage space for four gas cans is under motor scupper. Economy model is furnished without hardware, upholstery, lined cockpit sides and convertible top. "Capri" detachable hardtop version of the deluxe Corsair is also available.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

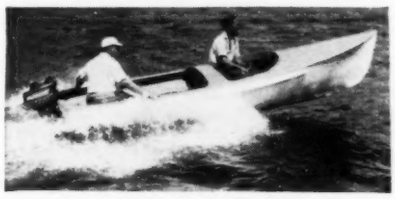


23' COMMANDER

Cruiser can take dual 50 HP outboard motor installation which gives top speed in excess of 28 mph. African mahogany plywood construction. Cabin has large bunks, head compartment, dinette table, installed sink and water tank. Cockpit is fully lined, has rubber floor matting.

MFR., Bryant's Marina, 117 E. Northlake, Seattle, Wash.

CAPE COD SHIPBUILDING CO.



STORMY PETREL

15'x61". Weight, 265 lbs. Freeboard, 24", depth midship, 2'5". Fiberglass construction. Takes motors 3 to 30 HP. Air tanks provide maximum safety. One piece seat back and bridge deck divide cockpit. Price with equipment shown, $585.

MFR., Cape Cod Shipbuilding Co., Wareham, Mass.

CARVER BOAT CORP.

18' COMMANDER

17'10"x81"x37". Takes up to 70 HP outboard motor. 12-ply inner-stress bottom eliminates stringers, ribs, transom knees, floor boards and all fastenings through the hull. Standard equipment includes built-in bunks for two, ventilating wraparound windshield, running lights, steering, deck hardware, metal trim, two-tone finish in paint or varnish, self-draining motor well, upholstery, back rest and crash pad. Price, $1,395. Molded mahogany hard top is available at $195, and folding canvas top at $78.

MFR., Carver Boat Corp., Pulaski, Wis.

CHAMPION BOATS

SABER

14'x72"x31". Weight, 325 lbs. Marine plywood hulls completely fiberglassed. Transoms are 1½" laminated with an added ¾" bilge frame saddle. Walk through seats with provision for rear seat steering are standard, plus unique placement of the glove compartment.

MFR., Champion Boats, P. O. Box 9038, Long Beach 10, Calif.

COLLEGE MILL

SEA SWIFT No. 30

Boat has plywood construction, and beam is 63¼". Recommended for use with motors up to 10 HP.

MFR., College Mill, 7800 Flower Ave., Takoma Park 12, Md.

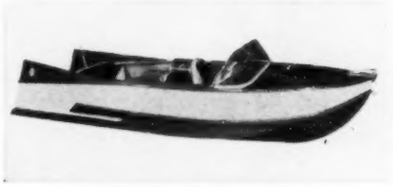
COMMODORE BOATS

GULL

16'3"x74"x32" depth amidships x63" beam at transom. Weight about 530 lbs. Built of Philippine and African mahogany, brass, bronze and copper fastened. In a variety of colors. Chrome hardware and many accessories.

MFR., Commodore Boats, New Bern, N. C.

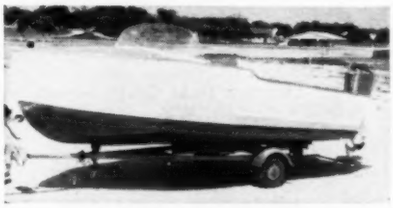
CONSOLIDATED GENL. PRODS.



REXCRAFT RANGER

14'x61" boat is of aluminum construction. Can be used with motors up to 10 HP. Price, $319.

MFR., Consolidated General Products, Inc., 611 W. 22nd St., Houston 8, Tex.

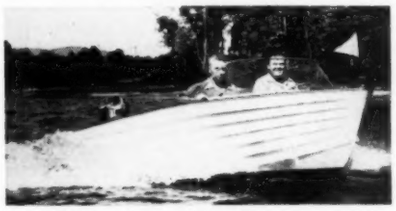


REXCRAFT CRUSADER

16'x80" boat of aluminum construction, recommended for use with motors ranging up to 70 HP. Price, $995, with equipment show.

MFR., Consolidated General Products, Inc., 611 W. 22nd St., Houston 8, Tex.

F. M. CORNELL & SON



CUSTOM LAPSTRAKE

16' outboard runabout offers lapped planking. Color styling consists of white topsides, mahogany deck, rails and seating with Newport green interior finish. Also available in Standard Super "16".

MFR., F. M. Cornell & Son, Inc., Thomaston, Me.

CRESTLINER INC.

JETSTREAK 12

12′ aluminum outboard runabout has vinyl upholstered bucket seats, and functional tail fins with turn signal lights and lifting handles built in. Can take motors up to 35 hp. Features include wrap-around windshield, full circumference vinyl bumper strip and stern decking.

MFR., Crestliner, Inc. (formerly Larson Watercraft, Inc.), Little Falls, Minn.

CROSBY AEROMARINE CO.

CAPRI

16′x70″. Fiberglass construction. Panoramic windshield, walk through seat back, upholstery, motor well. Price, $765.

MFR., Crosby Aeromarine Co., Div. of Midwestern Industries, Grabill, Ind.

DUNPHY BOAT CORP.

WHITECAPPER

16′x74″. Plywood lapstrake construction, torsion bar seat suspension. Mahogany framed windshield. Load capacity rating is 1100 lbs., and maximum power rating is up to 85 HP outboard motors in single or dual installation. Price, $1,025.

MFR., Dunphy Boat Corp., Broad at Parkway, Oshkosh, Wis.

EATON'S BOATS

ALUMINUM BOATS

A complete line of 12 and 14′ decked and open outboard fishing boats designed by a Maine guide. Constructed of .064 aluminum plating with .081 ribs and stem. Rivets are 3/16 brazier head on 1″ centers. All seams are caulked with airplane type caulking compound. Styrofoam flotation for added safety. Varying prices from $279 to $495 and for varied HP outboards.

MFG., Eaton's Boats, RFD 5, Portland, Maine.

ECONETTE CRUISERS

R-15 RUNABOUT

15′8″x6′1″. Weight, 480 lbs. Ttakes outboard motors of 25 to 60 HP. Hull of sheet plywood and oak frames has carrying capacity of five passengers. Mahogany decks and trim. Price, $439 for bare hull. Available accessories include windshield, deck hardware and wheel.

MFR., Econette Cruisers, Spring Bay R.R. 6, Peoria, Ill.

C-21 CRUISER

21′8″x7′9″. Will take dual outboard motor installation of up to 40 HP each. Sheet plywood construction over oak frames. Arc bottom design. Sleeping accommodations for four, galley and head are included. Price, $1495, includes galley stove, toilet, sink, deck hardware, portable ice chest and running lights.

MFR., Econette Cruisers, Spring Bay, R.R. 6, Peoria, Ill.

FABUGLAS COMPANY

AQUAFOIL

"Aquafoil" molded into the hull of these fiberglass reinforced plastic runabouts is said to give greater speed, better maneuverability and quicker planing. Styrofoam flotation chambers are standard equipment. Heavy transom construction permits use of motors up to 60 HP.

MFR., Fabuglas Company, 312 Jefferson St., Nashville 8, Tenn.

S. U. FERBEND INC.

CRUISER

18′10x90″, weight, 975 lbs. Cruiser is of plywood construction, recommended for motors up to 70 HP. Price, $1,895, with equipment shown.

MFR., S. U. Ferbend, Inc., Morton & Townsend Sts., Morganfield, Ky.

FREELAND SONS CO.

14′ PREMIER

14′x58″ boat is of aluminum construction, weighs 170 lbs. Can be used with motors up to 10 HP. Price, $385.

MFR., Freeland Sons Co., Box 30, Sturgis, Mich.

GAD-A-BOAT MFG. CO.

SPORTSMAN

14′8″x60″ boat is of fiberglass construction, weighs 375 lbs. Recommed for use with motors ranging to 70 HP. Price, $575.

MFR., Gad-A-Boat Mfg. Co., 13015 Huron River Dr., Romulus, Mich.

GLASSFLITE COMPANY

RUNABOUT

14′3″x63½″ runabout is of fiberglass, suitable for use with motors to 70 HP. Price with equipment shown, $895.

MFR., Glassflite Co., 7326 Long Dr., Houston 17, Tex.

GLASSPAR BOAT CO.

DELUXE TRIDENT

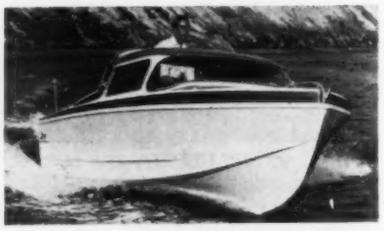
A 15′ all purpose fiberglass boat which is fast enough for water skiing. Convex deck for streamline profile. Motor well, gas tank and windshield are standard equipment. Also in the Glaspar line are the 10′ "Superlite," 13′ "Balboa," and the 14′ "Lido" series. Available in coral, surf-green, delta-blue, sun-gold and Chinese-red.

MFG., Glasspar Boat Co., Santa Ana, Calif.

AVALON

16′ fiberglass hard-chine, full keel boat with double bottom flotation for maximum safety. Standard model has wooden or upholstered seats. Deluxe model has two seats forward and quarter seats aft. Seats have aluminum tube, spring-action backs. Colors: coral, surf-green, delta-blue, sun-gold, and Chinese-red. Upholstery of washable plastic imitation leather.

MFG., Glasspar Boat Co., Santa Ana, Calif.



DEL MAR

A 16′ all purpose fiberglass cabin cruiser Deep forefoot design which eliminates pounding. Low cockpit for fishing. Removable sliding panels to open up the cabin in fair weather. Features flying bridge, storage space, and upholstered berths for overnight cruising. Available in coral, surf-green, delta-blue, sun-gold and Chinese-red. Upholstery of washable plastic imitation leather.

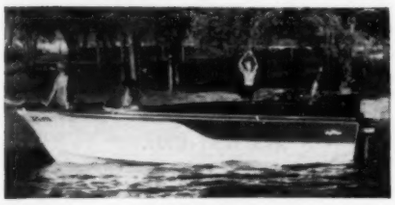
MFG., Glasspar Boat Co., Santa Ana, Calif.

SPORT MARINER

19′ fiberglass boat with fiberglass hardtop. Four upholstered divided seats. Washable plastic imitation leather upholstery. Available in coral, surf-green, delta-blue, sun-gold and Chinese-red.

MFG., Glasspar Boat Co., Santa Ana, Calif.

GLASS MAGIC INC.



SEAMASTER

19′x8′x48″ depth. Of fiberglass construction. With a large cockpit and upholstered front and rear seats. A fiberglass engine cowl gives the boat an inboard look and cuts down engine noise. May be powered up to 140 HP with single or twin motor mounts optional. Hatch on forward deck, front seats convert to 6′ berths, marine toilet, convertible or hard-tops as desired. Weight 1,050 lbs.

MFR., Glass Magic, Inc., 2759 Ludelle St., Fort Worth, Texas.

GOSHEN CHURN & LADDER CO.

FAMOUS CRAFT UTILITY

12′9″x54″, boat can be used with motors up to 10 HP. It has molded plywood hull. Price, $350.

MFR., Goshen Churn & Ladder, Inc., Marine Division, 601 E. Lincoln Ave., Goshen, Ind.

HENRY HARVEY & SON

150 SERIES

15′6″x68″ freeboard at stern 31″. After deck 48″ overall with 24″ self-bailing motor well. Chine, stem, frames of white oak, bottom and sides ⅜″ five ply marine plywood; remainder of mahogany. Features walk-through center deck. For motors to 60 HP. Weight 465 lbs. Price, $729.

MFR., Henry Harvey & Son, 8000 Stansbury Rd., Baltimore 22, Md.

HIGGINS INCORPORATED

15′ DELUXE

15′x65⅛″ boat is recommended for use with motors up to 50 HP. Decks and

trim are of varnished mahogany and all hardware is triple-chromed marine fittings. Features include forward and stern seats to seat 6, walk-through center deck, hull bailer. Wraparound ventilating windshield available as accessory. Also available in custom model, with windshield, floorboards, and walk-through aft deck. Prices: deluxe, $550; custom, $725.

MFR., Higgins, Inc., Box 8001, New Orleans 22, La.

17′ OUTBOARD GAMEFISHER

16′11½″x77¼″ outboard has flat-floored cockpit, built-in stern seat, forward seat, and self-bailing motor well. It is suitable for use with standard twin installations to 100 HP, and gives speed of 35 mph. Prices: deluxe, $850, and custom, $995.

MFR., Higgins, Inc., Box 8001, New Orleans 22, La.

17′ OUTBOARD CRUISER

16′11½″x77¼″ outboard cruiser is suitable for use with standard twin installations to 100 HP, at which top speed is 35 mph. Has 12 volt electrical system, two full-size bunks, head, forward and stern seats with seat backs, storage space forward and is floored throughout. Available in both deluxe and custom models. Prices: deluxe, $1,095, and custom, $1,450.

MFR., Higgins, Inc., Box 8001, New Orleans 22, La.

HOLIDAY PLASTICS INC.

HOLIDAY 200

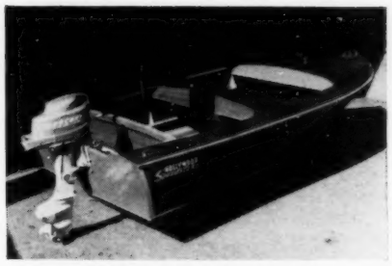
14′3″x66″x29¼″ depth, fiberglass outboard runabout weighing 385 lbs. Standard equipment includes battery box, tool tray, beverage cooler under rear seat, rubber rugs, and a rear hatch cover. Air flotation chambers make the boat sinkproof. Price $625 up.

MFR., Holiday Plastics, Inc., 1301 Fairfax Trafficway, Kansas City, Kans.

HOLLYWOOD BOAT & MOTOR

SPEEDSTER

13′3″x70″ boat is recommended for use



with motors up to 10 HP. Price, $485 with equipment shown.

MFR., Hollywood Boat & Motor Co., So. 33rd and Union, Tacoma 9, Wash.

CONVERTIBLE CRUISER

15′1″x78″ day cruiser can be used with motors ranging up to 70 HP. Price, $715, with equipment shown.

MFR., Hollywood Boat & Motor Co., So. 33rd and Union, Tacoma 9, Wash.

KAUFFMAN BOAT WORKS

OSPREY 18

The "Osprey" overnighter features dry-riding qualities, and the use of waterproof Douglas fir plywood planking over mahogany frames. 18′x86″x48″, it is available with bunks, head, upholstering, cover-all top and side curtains. The "Albatross," a 16′x79″x40″ model and the "Tern," 14′x69″x30″ are also made in this line.

MFR., Kauffman Boat Works, P.O. Box 188, Osprey, Fla.

LA CROSS BOAT WORKS

COMMANDER

13′6″x65″. Weight, 330 lbs. For motors, 7.5 to 35 HP. Top speed is 35 mph at 35 HP. Carrying capacity, 6 passengers. Hull is African mahogany plywood over oak frames. Features clipper bow, one piece deck, walk through center deck, motor well, glove compartments. Price, $475, includes complete set of hardware, bailer, ski-tow pulls. Available accessories include; steering assembly, $40, windshield, $35, double bottom, $45, and upholstery, $80.

MFR., LaCross Boat Works, 1257 US-23 North, Alpena, Mich.

ADMIRAL

15′x69″. Weight, 435 lbs. Boat takes outboards from 10 to 60 HP, with top speed of 32 mph at 35 HP. Six passenger hull is of African mahogany plywood over oak frames. Double planked bottom is two thicknesses of ¼″ plywood. Clipper bow, one piece deck, walk through center deck and motor well are features. Price, $575, includes all hardware, bailer, glove compartments, ski-tow pulls. Accessories are; steering assembly, $40, windshield, $35, complete upholstery, $85.

MFR., LaCross Boat Works, Inc., 1257 US-23 North, Alpena, Mich.

LAKEMASTER BOATS

SPORTSMEN'S CONVERTA

16′x76″x36″ deep. Built of Honduras mahogany and oak with molded plywood hull. Five other models available.

MFR., Lakemaster Boats, 8630 Middlebelt Rd., Garden City, Mich.

LAWRENCE BOAT CO.

15′ EL DORADO ROCKET

15′x72″. Bronze fastenings used throughout. Hardware is chrome plated; craft has wraparound plexiglass windshield. Price, $845 for Rocket; $745 for standard version.

MFR., Lawrence Boat Co., 4975 W. Washington St., Orlando, Fla.

16′ HOLIDAY

Deep, all-weather boat equipped with folding top and wraparound windshield on both standard and deluxe models. Deluxe model is furnished with convertible bunks. Price, standard model, $845; deluxe model, $945. Also available with removable hardtop.

MFR., Lawrence Boat Co., 4975 W. Washington St., Orlando, Fla.

18′ FIESTA

18′x84″x44½″. Harborite used throughout on bottom; sides, deck and floor flats fastened with bronze screws. Available in hardtop model, and deluxe and standard convertible models. Prices, deluxe convertible, $1295; standard convertible, $1195. Price for hardtop model not announced.

MFR., Lawrence Boat Co., 4975 W. Washington St., Orlando, Fla.

LYMAN BOAT WORKS INC.

LYMAN 13

13′ over all length. Similar in design and construction to the Lyman 15 except that steering is mounted on midships deck. Designed to handle motors to 30 HP.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

LYMAN FISHERMAN

In 13′ and 15′ models. Similar to other Lyman boats in construction but without midships deck in order to facilitate fishing. The 13′ Fisherman is designed to handle up to 10 HP motors.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

LYMAN 15

15′ over all length. Clinker built of 5 ply, ⅜″ marine plywood planking fastened with silicon bronze nails with rubberized cemented seams. Special features are increased beam and depth for drier performance. Optional accessories include ventilating windshield, top and side curtains, and recessed motor well. Designed to take motors up to 40 HP.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

LYMAN 16½

16½′ over all length. Clinker built and equipped similar to the 15′ Lyman. Designed to handle the most powerful motors.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

LYMAN 18

18′ over all length. Clinker built of 5 ply, ⅜ thick marine plywood planking fastened with silicon bronze nails with rubberized cemented seams. Special features are increased beam and depth for drier performance, large cockpit space to accommodate fishing chairs and camping equipment. 15″ and 20″ transoms available for single or twin motors installation.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

MAC-BAY BOAT CO.

THUNDERBOLT

13′x55″x27″ depth, 49″ transom width, 375 lbs. Molded mahogany plywood. Seats 4 on U.S.C.G. approved cushions. Power to 40 HP, speeds to 35 mph.

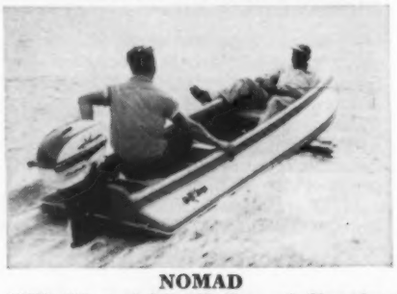
MFR., Mac-Bay Boat Co., 5605 Airline Road, Muskegon Heights, Mich.

IMPERIAL

15′x65″x30″ depth, 57″ transom width, 475 lbs. Molded mahogany plywood. Seats 4. Recommended HP 25-40, speeds 20 to 30 mph.

MFR., Mac-Bay Boat Co., 5605 Airline Rd., Muskegon Heights, Mich.

MARINE PLASTICS INC.



NOMAD

12′3″x45″, weight 145 lbs., of fiberglass reinforced plastic construction. Capacity 2 persons, power recommendation 5 to 12 HP. Maximum speed 27 mph with 12 HP. Price $290, live bait well $25 extra.

MFR., Marine Plastics, Inc., 2759 Ludelle St., Ft. Worth 5, Tex.

SKIMASTER

13′10″x66″, weight 325 lbs., of fiberglass reinforced plastic construction. Recommended HP range 25 to 50. Top speed 35 mph. Capacity 5 persons. Upholstered seats, steering and windshield are standard equipment. Price $850. Five other models available up to 19′ long.

MFR., Marine Plastics, Inc., 2759 Ludelle St., Ft. Worth 5, Tex.

MIAMI MARINE INDUSTRIES

ALUMNI-CHAMP

14′x63″, weight 235 lbs., capacity 4 persons. Aluminum construction, one piece bottom with mahogany seats. Remote steering, curved windshield, two tone paint. Power capacity to 40 HP. Price $685.

MFR., Miami Marine Industries, Little Rock, Ark.

MILCO TANK & BOAT CO.

SPORTLINE SP-2

12′x56″ runabout of aluminum construction. For motors up to 15 HP. Styrofoam flotation, automatic syphon drain, and painted sides are standard. Other models in 12′ and 14′ are available.

MFR., Milco Tank & Boat Co., White Pigeon, Mich.

NEHL BOATS

NEHL SCOUT

14′x54″ boat is of plywood construction, weighs 175 lbs. Recommended horsepower range for motors to 10 HP. Price, $270.

MFR., Nehl Boats, Portage, Wisc.

CLIPPER

16′x66″ boat weighs 380 lbs., has molded mahogany plywood construction. Recommended power range to 70 HP. Price, $895.

MFR., Nehl Boats, Portage, Wisc.

NORSEMAN BOAT CO.

17′ EXPRESS

16′5″x6′6″. Weight 520 lbs. Sleeps two, will carry five. Has increased glass area, sliding cabin windows; flying bridge. Has folding pilot seat, remote transom.

Will take two 35 HP motors. Price, $1145.

MFR., Norseman Boat Co., P. O. Box 191, Bellingham, Wash.

19' EXPRESS CRUISER

18'3"x88". Weight 1085 lbs. Has bunks for two, remote transom, folding pilot seat, sliding side windows for ventilation. Can use two 40 HP motors. Price, $1685.

MFR., Norseman Boat Co., P. O. Box 191, Bellingham, Wash.

21' CABIN CRUISER

20'2"x7'11". Weight of hull, 1250 lbs. Can use two 40 HP motors. Carries six passengers. Plywood hull with fiberglass galley with sink. Has folding pilot seat, bunks for two, additional sleeping space in cockpit, dining table in cabin, hatch. Price, $2195, includes five gallon fiberglass water tank, remote transom.

MFR., Norseman Boat Co., P. O. Box 191, Bellingham, Wash.

NORTHWESTERN BOAT CO.

CURLY CRAFT 16'

15'3"x66" boat is of plywood construction, weighs 375 lbs. It can handle motors up to 70 HP. Price, $797.

MFR., Northwestern Boat Co., 19740 Ten Mile Rd., West Detroit 19, Mich.

PABST BOATS

HOLIDAY FOURTEEN

14-foot, five passenger, walk-through runabout takes motors from 20 to 40 HP. Hull and interior features similar to "Fairline Sixteen" model.

MFR., Pabst Boats, 1648 Liberty St., La Crosse, Wisc.

SWEET FIFTEEN

15-foot runabout takes motors up to 70 HP; has six passenger seating capacity. Hull and interior features similar to "Fairline Sixteen" model.

MFR., Pabst Boats, 1648 Liberty St., La Crosse, Wisc.

FAIRLINE SIXTEEN

16-foot runabout takes single twin power of 30 to 80 HP. V-bottom, clipper bow, generous flare to hull. Interior features bucket type walk-through front seats, luggage compartment, forward stowage tray. Seats, seat back and cockpits upholstered in color options of tangerine and white or turquoise and white. Mahogany finish hull, blond deck, white bottom.

MFR., Pabst Boats, 1648 Liberty St., La Crosse, Wisc.

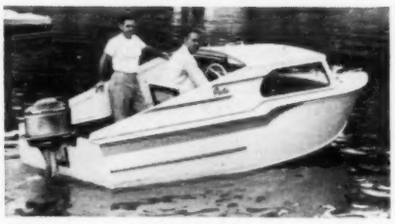
PACESHIPS LTD.

PACESHIP BOATS

12 to 17 molded birch veneer boats designed to take the larger outboard motors.

MFR., Paceships, Ltd., Mahone Bay, Nova Scotia, Canada.

PALLU PRODUCTS



CRUISER

16'x74" cruiser is of plywood construction. Standard equipment includes hardware, lights, steering wheel, bunk pads, pilot seat and cabin windshield. For motors to 30 HP. Price, $1,275.

MFR., Pallu Products, 430 S. Schuyler Ave., Bradley, Ill.

PENN YAN BOATS INC.

DYNAMOLD

The Dynamold line has been expanded to 20 models from 12' to 16'. Construction is of a combination of ribbed frame, flat sheet plywood and molded plywood.

MFR., Penn Yan Boats, Inc., Penn Yan, N. Y.

CLINKER BUILT

New this year is Penn Yan's return to building clinker, or lap-strake, craft. Available in 14', 16' and 18' models of various type and accommodation.

MFR., Penn Yan Boats, Inc., Penn Yan, N. Y.

PERE MARQUETTE

DELUXE FISHERMAN

14'1" family runabout is rated for 35 HP motors. Has four Scott-A-Fold deluxe wide arm rest swivel chairs. Fittings are chrome finish.

MFR., Pere Marquette, Scottville, Mich.

CYCLONE & TORNADO

15'1" runabouts. Fiberglass construction, designed to take motor installations up to 100 HP. Boats have Styrofoam flotation, molded in spray rails, and a built-in "Wave-Over" between transom and rear hatch to prevent following seas from coming into the boat. Capacity, 6 persons.

MFR., Pere Marquette, Scottville, Mich.

RESORTER

14'x56" boat weighs 188 lbs., and is recommended for use with motors up to 10 HP. Price, $359.

MFR., Pere Marquette Fiberglass, First Street, Scottville, Mich.

PIONEER MFG. CO.

PRIDE OF PIONEER

14'8"x56½" boat is of aluminum construction, and recommended for use with motors up to 10 HP. Price, $425.

MFR., Pioneer Mfg. Co., Middlebury, Ind.

POLAR KRAFT MFG. CO.

SKI-KING

The Ski-King 14 and 16 are new, fast, aluminum runabouts with Styrofoam-filled seats, windshield and steering supplied as standard equipment. Overall length is 13'6" and 15'6" respectively. Both models have a beam of 65", transom beam 60", depth amidships 30"; 15" or 20" transom heights available. Power recommendations to 60 HP. Prices, Ski-King 14 $675, Ski-King 16 $750, f.o.b. Memphis, Tenn.

MFR., Polar Kraft Manufacturing Co., 1937 No. Watkins, Memphis, Tenn.

POLYMER ENGINEERING

VICTOR CRUISER

25'x96" cruiser for motors up to 70 HP. It has 20" transom, ventilating windshield, molded-in dual spray rails.

MFR., Polymer Engineering Corp., 1100 Houston Club Bldg., Houston 2, Tex.

REINELL BOAT CO.

REINELL G-14

13'8"x68" boat is recommended for use with motors to 10 HP. Price, $595, including deck hardware.

MFR., Reinell Boat Co., Marysville, Wash.

18' ALBATROSS

17'2½"x88" boat is recommended for use with motors up to 70 HP. Price, $1,598.50.

MFR., Reinell Boat Co., Marysville, Wash.

RICHLAND MFG. CO.

SUPER CUSTOM

16' all aluminum boat has reinforced designed bottom and is for motors to 100 hp. Has 53½" transom for twin motors, and built-in motor well with transom drain. Features upholstered seats with walk-through front seat. Motor control mounts, tiller pulleys, windshield and steering are standard equipment. Boat has 72" beam, 33" maximum depth.

MFR., Richland Manufacturing Co., Richland, Mo.

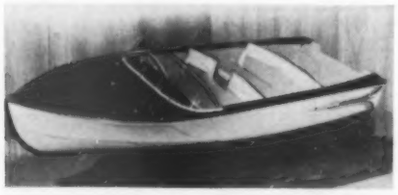
SLICK CRAFT BOAT CO.

PREMIERE

15'x66" boat is of molded plywood construction, and weighs 410 lbs. Recommended for use with motors up to 70 HP. Price, $1,165.

MFR., Slick Craft Boat Co., 791 Washington Ave., Holland, Mich.

SOONER BOAT CO.



FIBERGLASS BOAT

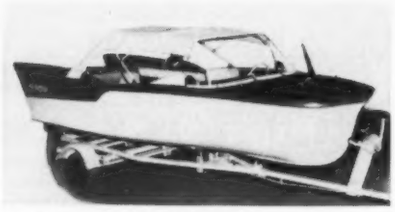
Fiberglass hull has 64" beam, 57" transom. Deck is two-tone red and blond mahogany, seats are red mahogany. Price, $745, includes windshield, steering and upholstery.

MFR., Sooner Boat Co., Eldorado, Okla.

SPAN AMERICA BOAT CO.

FIBERGLASS CRUISER

16' cruiser has non-flex bottom and hull made completely of fiberglass. Seats 8 and sleeps 2. Features panoramic windshield, "badge-bow" design to eliminate spray, and built-in motor hood to prevent water from entering over the transom. Sports top is provided that can be folded down or taken off. Any dual installation can be accommodated.



Cruiser has all chrome hardware and stainless steel rub rails.

MFR., Span America Boat Co., P.O. Box 513, Fort Dodge, Iowa.

SQUIRES MFG. CO.

ROYAL RUNABOUT

13'3"x60" Master-Craft runabout has molded plywood construction, and weighs 250 lbs. 10 HP outboard motor recommended. Price, $325.

MFR., Squires Mfg. Co., Milan, Mich.

MASTER-CRAFT 15'

15'x69" boat has molded plywood construction, takes up to 70 HP motor. Price, $695.

MFR., Squires Mfg. Co., Milan, Mich.

IMPERIAL CRUISER

20'x84" Master-Craft cruiser has molded plywood construction, weighs 1,200 lbs. Will take up to 70 HP outboard motor. Price, $1,900.

MFR., Squires Mfg. Co., Milan, Mich.

STANDARD GLASS PRODS.

GLASTRON SEAFLITE

17'x76". Takes 30 to 120 HP in single or dual outboard installations. Speed with single 35 HP engine, one person aboard, is 28 mph. Fiberglass construction, with chrome bow eye, bow handle, bow light. Panoramic windshield has aluminum trim. Other features include two-tone sprung front and rear seats, port and starboard lockers, chrome trim around interior. Deluxe fiberglass hardtop optional. Price, $1,395; with canopy, $1,495.

MFR., Standard Glass Products, Inc., P. O. Box 3184, So. Austin Station, Austin, Tex.

GLASTRON SKEETER

Ideal for the fisherman. 14'x46". Light, two-man boat. Price, approx. $295.

MFR., Standard Glass Products, Inc., P. O. Box 3184, So. Austin Station, Austin, Tex.

GLASTRON FISHERMAN

14'x62". New model in the Glastron line. Price, approx. $375.

MFR., Standard Glass Products, Inc., P. O. Box 3184, So. Austin Station, Austin, Tex.

GLASTRON SKIFLITE

14'x62". Fast, durable ski boat with windshield, steering, upholstered front seat, and equipped with forward deck. Price, approx. $675.

MFR., Standard Glass Products, Inc., P. O. Box 3184, So. Austin Station, Austin, Tex.

GLASTRON SURFLITE

14'9"x66". Weight approximately 375 lbs. Has flared rear fin styling with concave side panels. Full length side seats in rear are featured. Price, approx. $645. Deluxe model with steering, windshield, upholstery and "Mylar" side panels, price, $845.

MFR., Standard Glass Products, Inc., P. O. Box 3184, So. Austin Station, Austin, Texas.

GLASTRON FIREFLITE

15-foot fiberglass runabout features spring-built upholstered seats, carrying room for water skiis, chrome metal gunwale molding and panoramic windshield. Transom will take any power available from one engine. Price, $875.

MFR., Standard Glass Products, Inc., P. O. Box 3184, So. Austin Station, Austin, Texas.

STUR-DEE BOAT CO.

STUR-DEE

14'x64" boat is recommended for use with motors ranging up to 10 HP. Price, $208, with equipment shown.

MFR., Stur-Dee Boat Co., Bulgarmarsh Road, Tiverton, R. I.

SU-MARK INC.

TOPPER

11'x52" boat of fiberglass construction, weighs 120 lbs. For motors to 10 HP. Model shown is a disaster boat with foamed compartments to support up to 15 persons. Equipment includes nylon life lines and special high visibility color treatment for air observation. Price, with equipment shown, $329.50. Standard utility model is $249.50.

MFR., Su-Mark Inc., 34 Rear Pleasant St., Watertown, Mass.

TEXAS BOAT MFG. CO.

14' TEXAS MAID OSPREY

14'x64". Weight, 320 lbs. Aluminum construction, chrome hardware. Choice of four color trims on white with matching all-weather upholstery. Takes up to 40 HP motor. Price, $595.

MFR., Texas Boat Mfg. Co., Inc., Lewisville, Tex.

14' TEXAS MAID STANDARD

14'x63". Aluminum fishing boat. Weight, 212 lbs. Takes motors up to 30 HP. Has

DOW Styrofoam flotation. Price, $299.
MFR., Texas Boat Mfg. Co., Inc., Lewisville, Tex.

16′ TEXAS MAID BAHAMA

16′x70″. Weight, approx. 480 lbs. Has four back-to-back walk-through seats. Aluminum construction, chrome-plated hardware, DOW Styrofoam flotation. Takes up to 80 HP motor installations. Choice of four color trims on white with matching all-weather upholstery. Completely equipped. Price, $735.
MFR., Texas Boat Mfg. Co., Inc., Lewisville, Tex.

16′ TEXAS MAID FIESTA

16′x80″ cruisette. Weight, 530 lbs. Aluminum construction. Sleeps two; has portlights for sleeping deck, double upholstered hatch for access that provides seats for fishing. Chrome plated hardware. Takes motors up to 80 HP in twin installations. Choice of four color trims on white with matching all-weather upholstery. Completely equipped. Price, $595.
MFR., Texas Boat Mfg. Co., Inc., Lewisville, Tex.

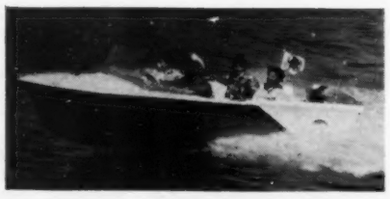
TOMAHAWK BOAT CO.

PLAY MATES

10′x46″x17″. Weight approx. 100 lbs. Takes up to 7½ HP motor, with maximum load capacity of 400 lbs. Has four cubic feet of flotation built-in. Boat is molded fiberglass construction, designed for use by youngsters.
MFR., Tomahawk Boat Co., Tomahawk, Wis.

CAR MATES

12′x50″x18″ and 14′x50″x20″ models. 12′ model weighs approx. 120 lbs., takes up to 15 HP motors, and has a maximum load capacity of 496 lbs. 14′ model weighs approx. 140 lbs., takes up to 20 HP motors, has maximum load capacity of 575 lbs. Fiberglass construction with molded-in flotation. Designed for car top carrying.
MFR., Tomahawk Boat Co., Tomahawk, Wis.



SPIRIT OF TOMAHAWK

16′4″x70″x35″. Weight approx. 390 lbs. Maximum OBC rating for motor, 60 HP. All fiberglass construction has maximum load capacity of 1000 lbs. Seating and windshield arrangements are designed for comfort and good visibility.
MFR., Tomahawk Boat Co., Tomahawk, Wis.

TRAILORBOAT ENGINEERING

FUN-A-BOUT

Seven aluminum models in 21 sizes ranging from 8′ to 14′ for fishermen and 12′ to 16′ for family use. Features covered deck which hides gas tank and protects electrical equipment and battery. All models have built in flotation tanks.
MFR., Trailorboat Engineering Co., 923 Francisco Blvd., San Rafael, Calif.

FIBERGLASS SERIES

Four models of fiberglass construction range from a two-seater with a short open deck for fishermen to a luxury walk-through runabout for skiing and family outings. Length overall is 14 feet, beam, 64″.
MFR., Trailorboat Engineering Co., 923 Francisco Blvd., San Rafael, Calif.

TURNER ENTERPRISES

TURN-A-CRAFT SPECIAL EXPERIMENTAL

15′3″x60″ boat is of plywood construction, recommended for motors to 70 HP. Price, $490, as shown.
MFR., Turner Enterprises, Marble Lake, Quincy, Mich.

U. S. FIBER GLASS PRODUCTS

ISLANDER

15′3x72″x37″ depth. Weight 425 lbs. Fiberglass construction. For fishing, skiing, and family runabout.
MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

VIKING

15′11½″x79″x39″ depth. Weight 475 lbs. Fiberglass construction. Said to have special sea-keeping features and maximum safety and comfort at high speeds.
MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

HAVOC

13′6″x68″x28″ depth. Weight 325 lbs. Fiberglass construction. A stock ski boat, quick rising, fast planing, said to be unusually dry even at speeds in excess of 40 mph.
MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

VAGABOND

15′3″x72″x37″ depth. Weight 450 lbs. Fiberglass construction.
MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

SEVEN SEAS

15′11½″x79″x39″ depth; cockpit 65″x84″, cabin 65″x90″; headroom 43″, over-all height 62″. Weight 720 lbs. Fiberglass construction.
MFR., U. S. Fiber Glass Products, Inc., 14720 Lakewood Blvd., Paramount, Calif.

VALCO ROYAL

14′x65″ boat weighs 310 lbs., is of aluminum construction. Can be used with motors to 70 HP. Price, $870, with equipment shown.
MFR., Valley Aluminum Co., Fresno, Calif.

WAGEMAKER COMPANY

FLY-LAP WAGEMAKER

New "Ply-Lap" construction which is really two hulls bonded together is featured in the Catalina Off-Shore Cruiser. Inner hull is a smooth molded plywood skin. Bonded to this is a lapstrake outer hull which is plastic impregnated and claimed to have the strength of 10 plys of normal molded plywood. The construction eliminates the need for dirt-catching ribs. Available in 15′ to 19′ models with transom design for twin outboards, and mahogany framed windshields. Colors in black or white.
MFR., Wagemaker Company, Grand Rapids, Mich.

PLY-LAP RUNABOUT

Featuring the same novel construction as the Catalina above, is the runabout series. Available in 14′ through 16′ lengths, this line will incorporate walk-through seats, mahogany windshields and beams to 90″. Also available from the manufacturer is a complete line of conventional molded plywood and aluminum outboards.
MFR., Wagemaker Company, Grand Rapids, Mich.

AMERICAN BOATBUILDING CORP.

BB WATER SCOOTER

10'x44" one piece Fiberglas novelty boat. Outside hull and deck colors molded in. Aluminum bumper rail and hose type bumpers. Cockpit accommodates 2 adults, 3 children. Powered by Briggs and Stratton air cooled engine. For amusement park use. Price, $999.95 including engine, steering wheel, gas tank, etc.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB 21 OPEN BASS BOAT

21'x8'2"x2' one piece Fiberglas boat. Carries engines from 60 to 110 HP. Top speed 35 mph. Carries 6 to 8 passengers. Has molded in color. Good fishing boat. Designed by Eldridge-McInnis. Price, $4495 complete with forward wheel and 65 HP engine. Accessories: canvas canopy, $150; shipping crate, $45.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB 21 CUDDY CABIN MODEL

21'x8'2"x2' one piece Fiberglas cruiser. Available with Universal, Chrysler Ace, and other engines; 60 to 110 HP. Top speed 30 mph, cruises at 20 mph. Cruising range 140 miles, fuel capacity 35 gal. Sleeps 2, has head. Oak keel, oak stringers, solid mohagany house sides. Self bailing cockpit. Large window forward, 1 on each side. Cabin is 7'x6'3" with 5' headroom. Has twin 6'3" bunks with foam rubber mattresses. Color of outside hull, deck, and house top molded in. Boat designed by Eldredge-McInnis. Price, $4950 with 65 HP engine, wheel forward, all instruments and navigation lights. Accessories: canvas canopy, $150; shipping crate, $45.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

INBOARDS

BB 21 FULL CABIN MODEL

21'x8'2"x2' one piece Fiberglas cruiser. Carries either Chrysler Ace., Universal, or other engine optional; from 60 to 110 HP. Top speed 30 mph, cruises at 20 mph. Cruising range 140 miles, fuel capacity 35 gal. Sleeps 2, 4 optional. Has galley and completely enclosed head. Color of outside hull, deck, and house top molded in. Oak keel, oak stringers. Solid mahogany house sides. Self bailing cockpit. Large window forward, 1 on each side. 6' headroom in cabin. Twin 6'3" bunks; 2 smaller ones may be installed above. Large 8'x7' cockpit. Boat designed by Eldredge-McInnis. Price, $5950 complete with 65 HP engine, foam rubber mattresses, completely equipped galley, navigation lights. Accessories: canvas canopy, $150; shipping cradle, $45.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

BB 24 CABIN INBOARD

23'9"x8'6"x24" one piece Fiberglas cruiser. Carries 110 to 155 HP Nordberg engine. Top speed 20 mph. Sleeps 2, 4 optional. Has galley and head. 6'2" headroom in cabin. 2 portholes forward, 2 windows on each side. Colors molded in outside hull, deck, and cabin. 2 25 gal. fuel tanks. Price, $7985 complete with 110 HP engine. Shipping cradle $60 extra.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, Conn.

ANCARROW MARINE

GLADIATOR

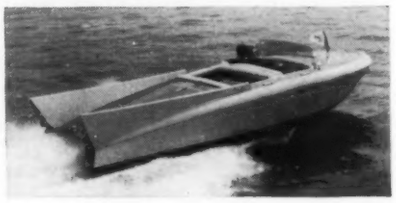
20' o.a. length, of African mahogany plywood construction on white oak. An open deck utility available in fishing or passenger models. Available with a choice of three engine installations, with top speed of 47 mph.

MFR., Ancarrow Marine, Inc., 1729 Summit Ave., Richmond. Va.

PATRICIAN

19' o.a. length, of African mahogany plywood construction on white oak. A two seater which will carry 6 adults. Available with a choice of three engines, for speeds of 50 mph.

MFR., Ancarrow Marine, Inc., 1729 Summit Ave., Richmond, Va.



AQUILIFER

25' o.a. length, of African mahogany plywood construction on white oak. Two 300 HP engines for speeds in excess of 60 mph. Instruments include Stewart Warner tachometer, electric temperature gauge for each cylinder bank, fuel level gauge, Airguide water speedometer, White depthometer, individual ignition switches.

MFR., Ancarrow Marine, Inc., 1729 Summit Ave., Richmond, Va.

ANCHORAGE, INC.

16' DYERESIN UTILITY

15'9"x5'10"x14". Engine 25 to 65 HP. Top speed is 22-23 MPH. Engine, Universal Atomic 4 Unimite Gray 4-45 and 620. Carrying capacity 5 to 6. Features extreme flare at bow with narrow entrance, semi-tunnel stern with protecting skeg, lightweight for trailer transportation and yacht tender service. Price, $2,225, and up, includes 20 gal. gas tank, Monel or Tobin bronze shaft, Goodrich bearing, Equipoise propeller, Anti-foul bottom. Available accessories, canvas hood and extension, cockpit cover $115; Socony fender $55; side steerer $40; bow towing eye $10.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

19½' DYERESIN UTILITY

19'6"x7'3"x20". Engine 65 HP, top speed 26 MPH. Engine, Universal Aqua-Pak. Carrying capacity, 6-8. Features extreme flare at bow with narrow entrance, excellent rough water performance makes this an ideal bass boat or ski boat, it is said. Price, $3,888, includes standard government equipment, 2-20 gal. gas tanks, folding windshield. Available accessories, deluxe standing top model with seats forming berths, toilet (extra).

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

DYERCRAFT "29"

28'6"x9'x2'6". Available with gas or diesel power, at 85-200 HP. Top speed 17-25 knots. Cruising speed 15-20 knots. Single or twin screws. Fuel capacity 100 gals. Cruising range 150-200 miles. Sleeping accommodations 2-4. Has cooking facilities and one head. Built of fiberglas reinforced polyester resin, decks, cabin, coaming and cockpit sole marine plywood, fiberglas covered, color pigmented resin used throughout for minimum maintenance. Features wine glass section garboards and "built down" keel for increased seaworthiness and better handling in rough waters. Price $10,950 and up, includes foam rubber berths, standard government equipment, special ventilating screened windows. Available accessories are navy top, semi-enclosed and flying bridge models.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

19' MORPHEAN

18'9"x6'4"x2" cruiser sleeps 2 to 4, can take inboard or outboard motors to 130 HP. Hull is seamless molded fiberglass. Standard equipment includes toilet, chrome hardware and storage under berths. Inboard model has storage battery. Boat is also available in Fisherman and Utility models, and as hull kit boat with all wooden parts precut and ready for assembly.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

CHESAPEAKE WEEKENDER

22'3"x7'10"x2' cruiser for inboard or outboard power, single or twin motors, up to 185 HP. Sleeps 2 to 4, has hull of seamless molded fiberglass. Features pullman dinette, galley, stainless steel sink, stove, ice box, storage space and self-bailing cockpit. Has fully-enclosed head. Kit boat for the hull is also available with all wooden parts precut and ready for assembly. Also in Fisherman and Utility models.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

SEA DUKE

27'2"x8'5"x2'3" boat has seamless molded fiberglass hull. Sleeps 6. Features pullman dinette, galley, stainless steel sink, stove, ice box, storage space and self-bailing cockpit. Power is optional, single or twin motors, up to 185 HP. Finish and equipment specifications are supplied to suit owner's desire.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

31' SEA PRINCE

31'x10'6"x2'6" cruiser has semi-Vee hull of solid planked mahogany, and sleeps 6. It is recommended for use with motors to 200 HP.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

36' SEA QUEEN

36'x11'4"x3' cruiser has semi-Vee hull of solid planked mahogany. It sleeps 6 to 8, and is recommended for use with motors up to 200 HP.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

40' SEA KING

39'11"x12'9"x2'11" cruiser has semi-Vee hull of solid planked mahogany. Sleeps 7 to 8. It is recommended for use with motors up to 300 HP.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

BARBOUR BOATS, INC.

SILVER CLIPPER SPORTSMAN

22'x7'6", fitted with Gray, Chrysler or VIP twin engines of 60 to 215 HP, giving top speed of 40 mph, and 30 mph cruising speed. Fuel capacity, 60 gallons. Boat sleeps 2, has head. Features windshield, lifting rings, running lights, cushions, installed steering wheel, forward storage compartment, anti-fouling paint, all chrome fittings, stern and bow light, bow chocks, cleats, chrome bumper guard and self-draining cockpit. Accessories include canopy top, side curtains, cockpit cover, drop curtain, double bottom and motor box cushion. Also available in Hard-top and Convertible models, without sleeping accommodations or head.

MFR., Barbour Boats, Inc., South Front St., New Bern, N. C.

BAY CITY BOATS

28' DELUXE MARINER EXPRESS CRUISER

Frames are completely pre-erected on mfr.'s shop floor and all parts are installed with fastening holes, bevels, etc., all worked out while the frame is exactly in position. This is then dismantled and shipped in crates, and available with this, are all other items needed to complete the boat, such as precut planking, decking, cabin sides, roofs, etc., and all fittings and equipment and motors.

MFR., Bay City Boats, Inc., Bay City, Michigan.

BAY HEAD SKIFFS

35' EXPRESS SPORTFISHERMAN

Has twin Chrysler V-8's with top speed of over 30 mph. Interior features: accommodations for five, two toilets and shower. Electric refrigerator and freezer, hydraulic controls.

MFR., Bay Head Skiffs, Bay Head, N. J.

BELLINGHAM SHIPYARDS

BIKINI

20'4"x8'. Cockpit's 6' seat holds three. All Bellglas and is powered by single or twin Dearborn Interceptor engines.

MFR., Bellingham Shipyards Co., Bellingham, Washington.

BELL BOY 21' EXPRESS

21'2"x7'10". Weighs approx. 3500 lbs. with Dearborn Interceptor inboard power; outboard model, 2000 lbs. Cruising speeds up to 43 mph. Chrome fittings and trim throughout, upholstered seating, twin foam rubber bunks, galley with Bellglas sink and countertops, freshwater tank, ice compartment, enclosed head, and numerous storage compartments.

MFR., Bellingham Shipyards Co., Bellingham, Washington.

BRITISH MARINE PRODUCTS

NEW HEALEY INBOARD

Ceiling and seats covered with British

plastic that is impervious to sun and salt water. Interior color scheme keyed to two-tone exterior finish. Has one-handed clutch and throttle control, safety handles, cockpit and engine-compartment ventilators, fire extinguisher, lights, bilge pump. 16' overall length, 5'9" beam. Speeds over 30 mph.

DIST., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

CARLISLE MFG. CO.

ROYALTY BOATS

A line of 17' deluxe inboard runabouts with luxury appointments and ample speed for skiing or aqua-planing. Featured is the "Aqua-King," with two-toned seats, color styled appointments, and powered with Chris-Craft engines of from 65 to 109 HP. Planking is of African mahogany on 19' centered frames of the same material. Bow and stem are Honduras mahogany and the decking is of ⅜" five ply marine plywood. Upholstered side panels, plexiglass wrap-around windshields, bow and stern lights, chromed hardware and remote controlling are also furnished. Price, $2,695. Also manufactured in the "Royalty" line are: "Aqua-Queen," $2,295; "Lord Thunderbird," $2,450; "Nobleman," $2,250; "Squire," $1,095. The "Squire" is also available as an outboard for power of 50 to 70 HP and speeds to 36 mph. All models in the line with over 100 HP engines are built with double planked bottoms for added strength.

MFR., Carlisle Manufacturing Co., Morrisville, Pa.

CASEY CRAFT

INBOARDS

From 20' & up. Runabouts and cruiser.

MFR., Casey Craft, Box 175, Mermantau, La.

CAVALIER DIV.—CHRIS-CRAFT

15' CAVALIER

Available as runabout (as shown) or utility. 15'x5'10½"x16½". Has 60 HP. engine, makes 30 mph. Carries 6 passengers. Philippine mahogany frames. Philippine mahogany plywood sides and decks. Brass screws and bolts for fastenings. Positive worm and pinion steering. Ventilated bilge. Price, from $1965 including bow and stern poles with pennant and ensign, electric signal, hull drain plug, navigation lights, stainless steel fender rails, windshield. Accessories: automatic bailer, $9.80; two 12' dock lines, $4.60; Fiberglas bottom, $63.75; folding top with side curtains, $140; instrument assembly with ammeter, oil pressure gauge, tachometer, $29.30 lifting rings, $23.60; linoleum flooring, $36.90; rubber strut bearing, $12.90; seat cushions for all seats, $51.20; setback cushions for all seats, $41.60; portable spotlight, $11.30.

MFR., Cavalier Boats, Div. of Chris-Craft Corp., Algonac, Mich.

17' CAVALIER

Available as runabout (as shown) or utility boat. 17'x6'5¾"x18". Can carry 60 to 131 HP Chris-Craft engine. Top speed 28 to 38 mph. Carries 6 passengers. Philippine mahogany frames, Philippine mahogany plywood sides and decks. Brass screws and bolts for fastenings. Positive worm and pinion steering. Ventilated bilge. Price, from $2160 including bow and stern poles with pennant and ensign, electric signal, hull drain plug, navigation lights, stainless steel fender rails, windshield. Accessories: automatic bailer, $9.80; two 12' dock lines, $4.60; Fiberglas bottom, $72.25; folding top with side curtains, $144.60; instrument assembly with ammeter, oil pressure gauge, $29.30; lifting rings, $24.90; linoleum flooring, $38.30 ($33.50 for runabout), rubber strut bearing, $12.90; seat cushions for all seats, $60.15; seatback cushions for all seats, $50.50; portable spotlight, $11.30.

MFR., Cavalier Boats, Div. of Chris-Craft Corp., Algonac, Mich.

19' SEMI-ENCLOSED CRUISER

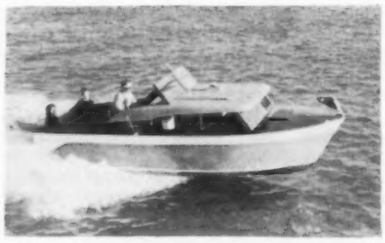
19'x85"x18", sleeps 2. Has Chris-Craft gas engines of 60 to 95 hp, developing top speeds of 26 to 31 mph. Head is optional. Open style unites cockpit and cabin. Included is one-piece fiberglass cabin roof. Price, from $2,940.

MFR., Cavalier Boats Division, Chris-Craft Corp., Pompano Beach, Fla.

19' CAVALIER EXPRESS

19'x7'1"x18" cruiser. Carries from 60 to 95 HP Chris-Craft engine. Top speed 26 to 30 mph. Fuel capacity 20 gal. Sleeps 2. Philippine mahogany frames, marine fir plywood sides and bottom planking. Marine Philippine mahogany plywood decking. Brass screws and bolts for fastenings. Positive worm and pinion steering. One piece fiberglas cabin roof. Wrap around windshield. Price from $3145. Accessories: fresh water system, sink, icebox, stove, toilet with combination bilge pump, $181.25; aft curtain, folding top to stern, $37.20; automatic bailer, $9.80; two 12' dock lines, $4.60; fiberglas bottom, $80.75; folding top with side curtains, $145; chrome plated single 6 volt horn, $24.75; linoleum in cabin, $12.50; linoleum in cockpit, $42.70; folding pilot seat, $34.30; rubber strut bearing, $12.90; seat cushions on all seats, $32.20; seatback cushions on all seats, $28.90; portable spotlight, $11.30; toilet pump type, $95.70.

MFR., Cavalier Boats, Div. of Chris-Craft Corp., Algonac, Mich.



22' CAVALIER EXPRESS—2 SLEEPER

22'x7'11½"x19", with Chris-Craft engine, 60 to 105 HP. Top speed 22 to 29 mph. Fuel capacity 32 gal. Sleeps 2. Philippine mahogany frames; marine fir plywood sides and bottom planking; marine Philippine mahogany plywood decking. Brass screws and bolts for fastenings. One piece fiberglas cabin roof. Positive worm and pinion steering. Ventilating windows. Chrome plated hardware. Price, from $3770 including the same standard equipment carried by the 4 sleeper model. Same accessories also available, in addition to a folding companion seat, $34.30.

MFR., Cavalier Boats, Div. of Chris-Craft Corp., Algonac, Mich.

22' CAVALIER EXPRESS—4 SLEEPER

22'x7'10½"x19", with Chris-Craft engine, 60 to 95 HP. Top speed 22 to 27 mph. Fuel capacity 32 gal. Sleeps 4. Philippine mahogany frames; marine fir plywood sides and bottom planking; marine Philippine mahogany plywood decking. Brass screws and bolts for fastenings. Positive worm and pinion steering. Wrap around windshield. Ventilating windows. Chrome plated hardware. Price from $3670 including 4 berths with storage compartment, berth pads, ammeter, oil pressure gauge, tachometer, navigation lights, Chris-Craft pennant, dining table. Accessories: fresh water system, sink, icebox, stove, toilet with combination bilge pump, $269.40; aft curtain, folding top to stern, $42.80; automatic bailer, $9.80; two 12' dock lines, $6.70; fiberglas bottom, $93.50; folding top with side curtains, $158.50; chrome plated single 6 volt horn, $24.75; linoleum in cabin, $17.50; linoleum in cockpit, $39.20; folding pilot seat, $34.30; rubber strut bearing, $12.90; seat cushions on all seats, $36.50; seatback cushions on all seats, $33.40; portable spotlight, $11.30; toilet pump type, with combination bilge pump, $119.50.

MFR., Cavalier Boats, Div. of Chris-Craft Corp., Algonac, Mich.

CENTURY BOAT CO.

RESORTER 19

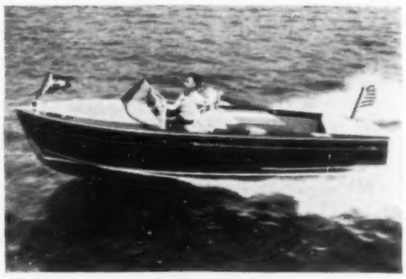
Runabout has re-designed foredeck, wing bow design and bottom of triple-braced construction and batten-seamed planking. Also has positive mechanical steering, customized chrome hardware and fittings, African mahogany hull and choice of engines. Optional equipment includes convertible slide-back and removable top.

MFR., Century Boat Co., Manistee, Mich.

COLT 15

15' long, highly portable, economical (runs about 10 hours on a 14 gal. tank of gas). It is equipped with a conventional four cylinder, four cycle Fageol vertical inboard power engine, using standard fuel. Natural African mahogany planked hull, blonde avodire decking with fully upholstered interior.

MFR., Century Boat Co., Manistee, Mich.



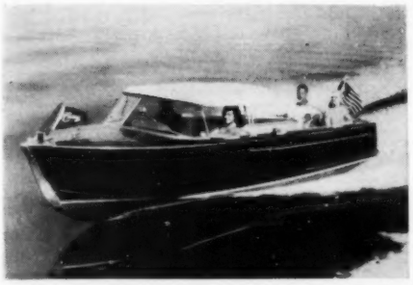
RESORTER 16

Official boat for National Water Ski Championships, has been completely redesigned. Is built of African mahogany in natural color, with blonde avodire decks and fully upholstered interior. Available with Gray and Chrysler 110, 112 and 135 HP to Dearborn Interceptor V-8 185 HP with speeds approaching 50 mph.

MFR., Century Boat Co., Manistee, Mich.

RESORTER 18

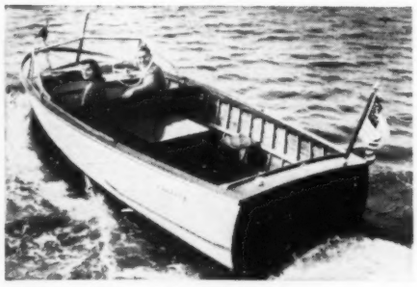
Built of African mahogany in natural color, this boat features an optional convertible top and fully upholstered interior. Available with Gray, Chrysler, Nordberg, Dearborn Interceptor and Cadillac Crusader Engines from 135 HP



to 300 HP (including the V-8's) with speeds approaching 50 mph.
MFR., Century Boat Co., Manistee,

ARABIAN 18

Equipped with a ski tow ring set just aft the second seat, it is suited for cruising and water skiing. The natural color African mahogany hull with avodire decks is complemented by a fully upholstered interior in yellow and brown. Available with Gray, Chrysler, Nordberg, Dearborn, Interceptor and Cadillac Crusader Engines from 135 HP to 300 HP (including the V-8's) with speeds approaching 50 mph.
MFR., Century Boat, Manistee, Mich.



VIKING 19

Has been redesigned with new cam and lever (rod to tiller) steering and a chrome framed wing-ventilated windshield. Clinker built mahogany planked utility boat. Available with Gray 60 and 75 HP engines with speeds up to 33 mph.
MFR., Century Boat, Manistee, Mich.

CORONADO 21

Speeds of over 55 mph. Is custom designed and features an optional landau hard top with aircraft-type opaque plexiglas sliding section forward to the windshield. The African mahogany hull is in natural color with white style lines. Available with Gray, Chrysler, Nordberg, Dearborn Interceptor and Cadillac Crusader engines including the V-8's, 135 to 300 HP.
MFR., Century Boat, Manistee, Mich.

RAVEN 22

Speeds over 35 mph. The flat black painted hull is built from 9/16" mahogany planking with natural color mahogany decks. She is designed to double in brass as a fishing boat and for short cruises with sleeping quarters below with two 6' bunks. Access to the sleeping area is through a companionway leading forward to the deck hatch for access to dock, etc. The aft deck has two hatches opening to a fish tank bait well or ice box with drain overboard. The chrome framed windshield is wing-ventilated. Steering is cam and lever with rod to tiller. Available with Gray and Chrysler engines to 135 HP.
MFR., Century Boat, Manistee, Mich.

CHRIS-CRAFT

17' SPORTSMAN

17'x6'5½"x1'6". Powered by Chris-Craft engine, from 60 to 131 HP. Top speed 29 to 36 mph. Carries 6 passengers. Constructed of Philippine mahogany. Batten seamed, double planked bottom. Salt water equipped. Cam and lever steering. Price, from $2790 including automatic bailer, cushions, dock lines, fire extinguisher, ammeter, oil gauge, tachometer, shipping cradle. electric signal, tools. Many accessories available.
MFR., Chris-Craft Corp., Algonac, Mich.

17' RUNABOUT

Similar to 17' Sportsman. Same general characteristics. Price, from $2830.
MFR., Chris-Craft Corp., Algonac, Mich.

18' HOLIDAY

18'x6'7"x1'6" runabout. Powered by 95 to 131 HP Chris-Craft engine. Top speed 32 to 37 mph. Carries 6 passengers. Constructed of Philippine mahogany. Batten seamed, double planked bottom. Salt water equipped. Cam and lever steering. Brass or bronze screws and bolts. Price, from $3740 including automatic bailer, life preserver cushions, dock lines, fin strut, fire extinguisher, ammeter, tachometer, oil gauge, shipping cradle, electric signals, stern seat, tools. Folding top with side curtains is optional equipment. Forward part of top unsnaps from windshield, flips back for convenient entrance to and exit from forward seat.
MFR., Chris-Craft Corp., Algonac, Mich.

18' CONTINENTAL

18'x6'7"x1'6" runabout. Powered by Chris-Craft engine, 95 to 131 HP. Top speed 32 to 37 mph. Carries 6 passengers. Same features, design characteristics, standard equipment, and accessories as 20' model. Price, from $4120.
MFR., Chris-Craft Corp., Algonac, Mich.

19' CAPRI

19'x6'4"x1'7½" runabout. Powered by Chris-Craft engine, from 95 to 131 HP. Top speed 33 to 38 mph. Carries 6 passengers. Constructed of Philippine mahogany. Batten seamed, double planked bottom. Salt water equipped. Cam and lever steering. Brass or bronze screws and bolts. Price, from $3950 including automatic bailer, life preserver cushions, dock lines, fire extinguisher, ammeter, tachometer, oil, temperature, and fuel gauges, rubber matting, shipping cradle, electric signals, tools. Many accessories also available.
MFR., Chris-Craft Corp., Algonac, Mich.

20' SPORTSMAN

20'x7'x1'8¼". Powered by Chris-Craft or Dearborn Interceptor V-8, from 95 to 215 HP. Top speed 30 to 39 mph. Carries 6 passengers. Same features, design characteristics, standard equipment, and accessories as 17' Sportsman. Price, from $3540.
MFR., Chris-Craft Corp., Algonac, Mich.

20' CONTINENTAL

20'x7'5"x1'8" runabout. Powered by Chris-Craft or Dearborn Interceptor engine, 95 to 215 HP. Top speed 30 to 40

mph. Carries 6 passengers. Constructed of Philippine mahogany. Batten seamed, double planked bottom. Salt water equipped. Cam and lever steering. Brass or bronze screws and bolts. Price, from $5240 including life preserver cushions, dock lines, fin strut, fire extinguisher, ammeter, tachometer, oil, temperature, and fuel gauges, rubber matting, shipping cradle, electric signals, stern seat, tools. Many accessories available.
MFR., Chris-Craft Corp., Algonac, Mich.

21′ CAPRI

21′x7′5⅞″x22″, for use with Chris-Craft, Chrysler, Dearborn and Cadillac 130 to 300 hp engines, with top speeds of 33 to 43 mph. Runabout carries 6, has upholstered twin cockpits and fins with built-in exhaust ventilators. Price, from $6,030. Landau top, extra.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

21′ CONTINENTAL

21′x7′ 5⅞″x22″, for use with Chris-Craft, Chrysler, Dearborn or Cadillac engines of 130 to 300 hp, with top speeds of 33 to 43 mph. Boat carries 8, features open cockpit upholstered in "textileather" and has twin fins. Price, from $6,050. Landau top is available accessory. Price, from $6,050.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

23′ CONTINENTAL

23′x8′x23¼″ runabout. Powered by Chris-Craft, Chrysler V-8, or Cadillac Crusader engine; 130 to 300 HP. Top speed 32 to 41 mph. Carries 6 passengers. Same features, design characteristics, standard equipment, and accessories as 20′ model. Price, from $5410.

MFR., Chris-Craft Corp., Algonac, Mich.

24′ SEDAN WITH FLY BRIDGE

24′x8′x2′. Has 105 HP engine. Top speed 24 mph. Fuel capacity 40 gal. Sleeps 4; has galley and head. Philippine mahogany planking. Batten seamed; double planked bottom. Salt water equipped. Cam and lever steering. Brass or bronze screws and bolts. Price, from $7520 including anchor and line, bilge pump, cockpit scuppers, life preserver cushions, dinette table, dock lines, electric trumpet, fire extinguisher, icebox, sink, stove, ammeter, oil gauge, tachometer, linoleum, lounges (upper and lower berths), mast and rangelight, screens, shipping cradle, stern seat toilet, tools, ventilating windshield. Many extras available.

MFR., Chris-Craft Corp., Algonac, Mich.

25′ CADET

25′x8′ 10″x25″, with Chris-Craft engines with 60 to 210 hp, developing top speeds of 20 to 33 mph. Fuel capacity, 60 gallons. Sleeps 4, has cooking facilities, head. Features include Philippine mahogany double-planked bottom, batten-seam sides, one-piece fiberglass top, full cabin headroom and big cockpit with built-in stern seat. Price, from $7,930.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

26′ CONTINENTAL

26′x8′4″x22½″ runabout. Can be powered by Chris-Craft, Chrysler V-8, or Cadillac Crusader engines; 175 to 300 HP, or twin 105's to twin 175's. Top speed 35 to 40 mph. Carries 10 passengers. Constructed of Philippine mahogany. Batten seamed, double planked bottom. Salt water equipped. Cam and lever steering. Brass or bronze screws and bolts. Price, from $6910 including amidship seat, automatic bailer, anchor and line, Chris-O-Matic controls, life preserver cushions, dock lines, fin strut on single screw models, fire extinguisher, ammeter, tachometer, oil, temperature, and fuel gauges, rubber matting, shipping cradle, electric signals, stern seat, tools. Many accessories available.

MFR., Chris-Craft Corp., Algonac, Mich.

26′ CLIPPER

26′x9′x25″, with Chris-Craft single or twin gas engines available from 130 to 210 hp, delivering top speeds of 26 to 31 mph. Fuel capacity, 60 gallons. Sleeps 4, galley, head, double-planked bottom, batten-seam sides and Philippine mahogany construction. Flying bridge controls and big cockpit are included, as well as cabin complete with galley, dinette, lounge and private toilet room. Price, from $9,800.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

26′ COMMUTER

26′x9′x28″, single or twin screw, Chris-Craft gas engines 130 to 350 hp, giving top speeds of 27 to 36 mph. 60 gallon fuel capacity. Has double-planked bottom, batten-seam sides and Philippine mahogany construction. Sleeps 2, one head. Features include one-piece fiberglass top and big cockpit with built-in stern seat. Price, from $9,240. Cooking facilities optional.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

26′ SPORTS EXPRESS

26′x9′x28″, available with single or twin screw Chris-Craft gas engines ranging from 130 to 350 hp. Top speeds are 27 to 36 mph. Fuel capacity is 60 gallons. Boat sleeps 2, features double-planked bottom, batten-seam sides and Philippine mahogany construction. Price, from $7,900.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

28′ SEDAN WITH FLY BRIDGE

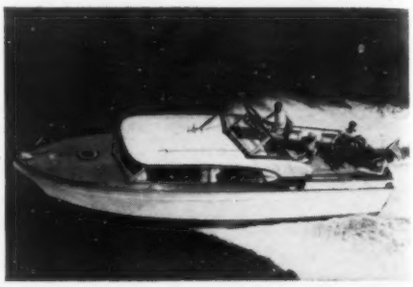
28′x8′6″x1′10½″. Powered by twin Chris-Craft 9s's to twin 10s's. Top speed 28 to 30 mph. Fuel capacity 60 gal. Sleeps 4. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $11,000 including anchor and line, bilge pump, cockpit scuppers, life preserver cushions, dinette, dock lines, electric trumpet, fire extinguishers, icebox, sink, stove, ammeter, oil gauge, tachometer, linoleum, mast and rangelight, screens, shipping cradle, stern seat, toilet, tools, ventilating windshields, wash basin.

MFR., Chris-Craft Corp., Algonac, Mich.

28′ CONSTELLATION

28′x9′4″x28½″, with single or twin Chris-Craft gas engines from 190 to 350 hp, giving top speeds of 27 to 35 mph. Fuel capacity, 100 gallons. Sleeps 4, has cooking facilities and head. Construction includes double-planked bottom, batten-seam sides of Philippine mahogany. Features protected walk-around decks fore and aft. Cabin is complete with galley, dinette, twin wardrobes, vee berths forward and private toilet room. Price, from $13,480.

MFR., Chris-Craft Corp., Pompano Beach, Fla.



30′x9′7″x2′1½″ twin screw cruiser. Chris-Craft engines, twin 175's. Top speed 33 mph. Fuel capacity 100 gal. Sleeps 4. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $14,900 including anchor and line, bell, bilge pump, cockpit scuppers, dinette, dock lines, electric trumpet, fire extinguishers, icebox, sink, stove, headlight and grill hatch, ammeter, oil gauge, tachometer, life preservers, linoleum, mast and rangelight, pedestal type throttle controls, screens, shipping cradle, skeg, toilet, tools, ventilating windshield, wash basin. Folding canvas top, streamlined hard top, and other extras also available.

MFR., Chris-Craft Corp., Algonac, Mich.

32′ SEDAN

32′x11′1″x26″, with single or twin Chris-Craft gas engines, from 190 to 350 hp, delivering top speeds of 24 to 31 mph. Fuel capacity, 135 gallons. Sleeps 4 to 6, has cooking facilities, head. Hull construction of Philippine mahogany & trim includes double planked bottom and batten-seam top sides. Features salon with enclosed control station, private stateroom forward, galley, dinette and sheltered aft cockpit. Price, from $16,690. Lounge is optional.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

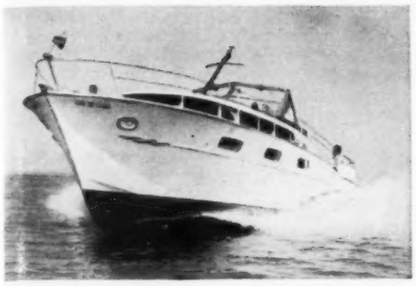
32′ COMMANDER

32′x11′1″x26″ cruiser. Powered by Chris-Craft engines, from twin 95's to twin 175's. Top speed 25 to 32 mph. Fuel capacity 135 gal. Sleeps 6. Philippine mahogany planking. Batten seamed, double planked. Cam and lever steering. Brass or bronze screws and bolts. Price, from $17,040 including anchor and line, bell, bilge pump, canopy top, side and aft curtains, cockpit scuppers, life preserver cushions, dinette, dock lines, drapes, electric trumpet, fire extinguishers, icebox, sink, stove, deadlight and grill hatch, ammeter, oil gauge, tachometer, life preserver, linoleum, lounge (upper and lower berth), mast and rangelight, pedestal type throttle controls, screens, shipping cradle, skeg, stern seat, toilet, tools, ventilating windshield, wash basin.

MFR., Chris-Craft Corp., Algonac, Mich.

33′ FUTURA

33′x10′10″x32″ twin screw cruiser. Powered by either Chris-Craft, Chrysler V-8, or Cadillac engines; twin 130's to twin 250's. Top speed 28 to 34 mph. Fuel capacity 120 to 150 gallons. Sleeps 4.



Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $20,990 including anchor and line, bell, bilge pump, carpet, Chris-O-Matic clutch controls, cockpit scuppers, dinette, dock lines, dual electric trumpets, fire extinguishers, icebox, sink, stove, helmsman and companion seats, ammeter, oil gauge, tachometer, temperature gauge, life preservers, limber chain, linoleum, mast and yardarm, mufflers, pedestal type throttle controls, screens, shipping cradle, skeg, teak decks, toilet, tools, ventilating windshield, wash basin.

MFR., Chris-Craft Corp., Algonac, Mich.

35′ CONSTELLATION

35′x11′1″x2′6″ twin screw cruiser. Powered by Chris-Craft engines, twin 130's to twin 175's. Top speed 26 to 30 mph. Fuel capacity 150 gal. Sleeps 4 to 6. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $19,990 including anchor and line, bell, bilge pump, carpet, cockpit scuppers, companionway from flying bridge to deckhouse, dinette, dock lines, drapes, dual electric trumpets, fire extinguishers, icebox, sink, stove, ammeter, oil gauge, tachometer, life preservers, limber chain, linoleum, mast and yardarm, pedestal type throttle controls, screens, shipping cradle, skeg, toilet, tools, ventilating windshield, wash basin.

MFR., Chris-Craft Corp., Algonac, Mich.

38′ CORSAIR

38′x12′6″x2′10″ twin screw cruiser. Powered by Chris-Craft or Chrysler V-8 engines, from twin 130's to twin 225's. Top speed 22 to 27 mph. Fuel capacity 180 gal. Sleeps 6. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $31,120 including anchor and line, bell, bilge blower and pump, carpets, cockpit scuppers, companionway from flying bridge to deckhouse, dock lines, drapes, dual electric trumpets, fire extinguishers, icebox, sink, stove, ammeter, oil gauge, tachometer, temperature gauge, life preservers, limber chain, linoleum, mast and yardarm, mufflers, pedestal type throttle controls, screens, shipping cradle, skeg, studio couch, sun deck, lounge, flag lockers, 2 toilets, tools, ventilating windshield, 2 wash basins.

MFR., Chris-Craft Corp., Algonac, Mich.

38′ CONSTELLATION, 4 SLEEPER

38′x12′6″x2′10″ twin screw cruiser. Powered by Chris-Craft, Chrysler V-8, or G.M. Diesel engines; twin 130's to twin 275's. Top speed 20 to 29 mph. Fuel capacity 180 gal. Sleeps 4. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $25,270 including anchor and line, bell, bilge blower and pump, carpet, cockpit scuppers, companionway from flying bridge to deckhouse, dock lines, drapes, dual electric trumpets, fire extinguishers, icebox, sink, stove, ammeter, oil gauge, tachometer, temperature gauge, life preservers, limber chain, linoleum, lounge, mast and yardarm, mufflers, pedestal type throttle controls, screens, shipping cradle, skeg, toilet, tools, ventilating windshield, wash basin. Also available as 6 sleeper.

MFR., Chris-Craft Corp., Algonac, Mich.

40′ SPORT FISHERMAN

40′x13′x3′ twin screw craft. Powered by Chris-Craft, Chrysler V-8, or G.M. Diesel engines; from twin 130's to twin 275's. Top speed 19 to 29 mph. Fuel capacity 250 gal. Sleeps 4. Philippine mahogany planking. Batten seamed, double planked bottom. Hydraulic steering. Brass or bronze screws and bolts. Price, from $34,280 including anchor and line, bell, berths, bilge blower and pump, cockpit scuppers, Chris-O-Matic clutch controls, dinette, dock lines, drapes, dual electric trumpets, fire extinguishers, icebox, sink, stove, double hatch with deadlights, ammeter, oil gauge, tachometer, temperature gauge, life preservers, limber chain, lounge, mast and rangelight, mufflers, pedestal type throttle controls, screens, shipping cradle, skeg, toilet, tools, ventilating windshield, wash basin.

MFR., Chris-Craft Corp., Algonac, Mich.

42′ CORSAIR

42′x13′x35″ twin screw cruiser. Powered by Chris-Craft, Chrysler V-8, or G.M. Diesels; from twin 151's to twin 275's. Top speed 19 to 25 mph. Fuel capacity 225 gal. Sleeps 8. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $41,330 including anchor and line, bell, bilge blower and pump, carpets, cockpit scuppers, companionway from flying bridge to deckhouse, dinette, dock lines, drapes, dual electric trumpets, fire extinguishers, icebox, sink, stove, ammeter, oil gauge, tachometer, temperature gauge, life preservers, limber chain, linoleum, mast and yardarm, mufflers, pedestal type throttle controls, screens, shipping cradle, skeg, studio couch, sun deck, lounge, flag lockers, table, 2 toilets, tools, ventilating windshield, 2 wash basins.

MFR., Chris-Craft Corp., Algonac, Mich.

42′ CONSTELLATION

42′x13′x35″ twin screw cruiser. Powered by Chris-Craft, Chrysler V-8, or G.M. Diesels; from twin 151's to twin 275's. Top speed 19 to 25 mph. Fuel capacity 225 gal. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $39,240 including anchor and line, bell, bilge blower and pump, carpets, deck scuppers, dock lines, dinette, drapes, dual electric trumpets, fire extinguishers, icebox, sink, stove, ammeter, oil gauge, tachometer, temperature gauge, life preservers, limber chain, linoleum, mast and yardarm, mufflers, pedestal type throttle controls, screens, shipping cradle, skeg, studio couch, table, 2 toilets, tools, ventilating windshield, 2 wash basins.

MFR., Chris-Craft Corp., Algonac, Mich.

48′ CONSTELLATION

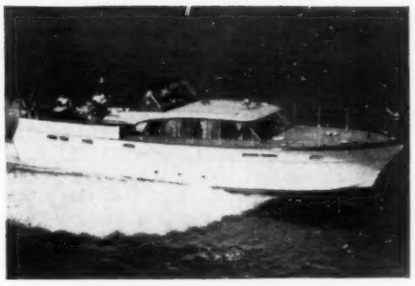
48′x14′x40″, available with single or twin screw Chris-Craft, Chrysler or G-M diesel or gas engines, 302 to 550 hp giving top speeds of 18 to 24 mph. Fuel capacity is 325 gallons. Boat sleeps 8, has galley and 2 heads. Features include batten seams, double-planked bottom of Philippine mahogany and open-style deckhouse with increased glass area. Has broad open decks and wide side decks. Price, from $49,550. Bridge hardtop or semi-enclosed hardtop extra.

MFR., Chris-Craft Corp., Pompano Beach, Fla.

55′ CONQUEROR

Length overall 55′, beam 14′6″, draft 40¼″, Chris-Craft, Chrysler V-8, or G.M. Diesel engines, twin 200's thru 300's, top speed 22 to 25 mph, fuel capacity 400 gal., sleeping accommodations for 10, cooking facilities, heads. Hull batten seamed, double planked bottom. Special features are genuine Philippine mahogany planking, salt water equipped, cam and lever steering. Brass or bronze screws and bolts. Custom designed hardware. Roomy aft cockpit. Price from $61,090.

MFR., Chris-Craft Corporation, Algonac, Mich.



55′ CONSTELLATION

55′x14′6″x40¼″ twin screw cruiser. Powered by Chris-Craft, Chrysler V-8, or G.M. Diesels; from twin 200's to twin 300's. Top speed 22 to 25 mph. Fuel capacity 400 gal. Sleeps 10. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Price, from $59,430 including anchor and line, bell, bilge blower and pump, carpets, 2 chairs, companionway from flying bridge to deckhouse, deck scuppers, dock lines, dinette table and lounge (upper and lower berths), dining table

(deckhouse), drapes, dual electric trumpets, fire extinguishers, icebox, sink, stove, galley exhaust blower, hatch (deadlight and grill, fore and aft), ammeter, oil gauge, tachometer, temperature gauge, life preservers, limber chain, linoleum, mast and yardarm, mufflers, pedestal type throttle controls, screens, skeg, studio couch, 3 toilets, tools, ventilating windshield, 3 wash basins.

MFR., Chris-Craft Corp., Algonac, Mich.

56′ SALON MOTOR YACHT

56′x14′11″x40¼″ twin screw yacht. Powered by G.M. Diesels; twin 300's. Top speed 19 to 23 mph. Fuel capacity 400 gal. Sleeps 10. Philippine mahogany planking. Batten seamed, double planked bottom. Cam and lever steering. Brass or bronze screws and bolts. Similar standard equipment to 55′ Constellation. Price, from $87,500.

MFR., Chris-Craft Corp., Algonac, Mich.

CLAYTON YACHT WORKS

21′ CLAYTON

21′x8′x20″ runabout. Powered by 95 to 105 HP engine. Top speed 31 mph. Carrying capacity of 6. Lapstrake construction, copper rivited, everdure fastening, mahogany planked, fiberglas deck, multicolor painting, toilet, white oak keel, ribs and framing. Price, $3,770 including 95 HP engine, toilet, horn, navigation lights, deck chocks and cleats, adjustable windshield. Accessories: top and side curtains, $105; auto. electric bilge pump, $75; cockpit cover, $65; stern seat and back cushion, $50; engine box cushion, $30; portable fishwell, $95; power optional.

MFR., Clayton Skiffs, Inc., Fischer Blvd., Toms River, N. J.

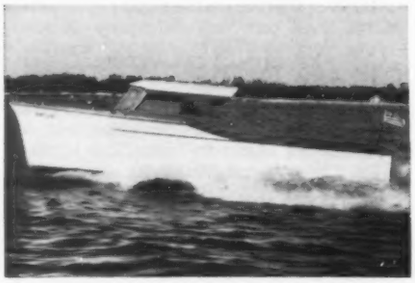
23′ CLAYTON

23′x8′1″x20″ inboard runabout. Powered by 125 to 185 HP engine. Carrying capacity of 6. Lapstrake construction, copper riveted, everdure fastening, mahogany planked, fiberglas deck, multicolor painting, 2 berths, toilet, white oak keel, rib and framing. Price, $4,670 including 125 HP engine, toilet, 2 berths, fiberglas deck, navigation lights, adjustable windshield. Accessories: top and side curtains, $115; auto. electric bilge pump, $75; cockpit covers, $75; berth cushions, $83; stern seat and back rest cushions, $75; engine box cushions, $35; portable fishwell, $95.

MFR., Clayton Skiffs, Inc., Fischer Blvd., Toms River, N. J.

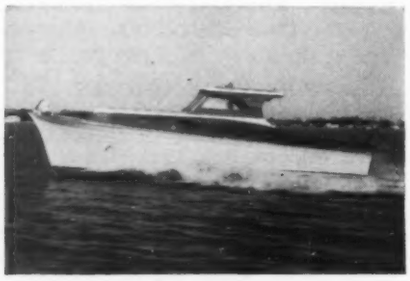
26′ CLAYTON

26′x9′x24″ twin screw skiff. Powered by 95 to 185 HP engines. Top speed 28 mph. Fuel capacity 60 gal. Sleeps 2, has 1 head. Lapstrake construction, copper riveted everdure fastenings, ribs 8″ on center, white oak keel, ribs and framing, 5¼″ spruce shelf around sheer. Special features: fiberglas deck, adjustable windshield, monel gas tank, copper exhaust, hydraulic shift, stainless steel rub



rail striping. Price, $7,650 including pair 95 HP engines, navigation lights, adjustable windshield and special features. Accessories: top and side curtains, $120; shelter cabin with hard top, $608; auto. electric bilge pump, $75; 1½ to 1 reduction gear, $200 each; cockpit cover, $75; berth cushions, $100; engine box, $35; portable fishwell, $95.

MFR., Clayton Skiffs, Inc., Fischer Blvd., Toms River, N. J.



34′ CLAYTON

34′x10′6″ inboard cruiser. Powered by twin 125 to 215 HP engines. Top speed, 35 mph. Lapstrake construction, copper riveted everdure fastenings, ribs 8″ on center, white oak rib frames and keel, 2″ shelf around sheer. Sleeps 4 to 6. Special features: monel gas and water tank, all fiberglas deck, mahogany after cockpit, sliding windows, flush after cockpit, private lavatory, formica galley top and dinette top. Price, $14,300 including cushions, mooring lines, anchor, screens, 4 life preservers, 2 fire extinguishers, stove, medicine cabinet, galley sink and porcelain basin, toilet. Express, Standard and Sedan Models.

MFR., Clayton Skiffs, Inc., Fischer Blvd., Toms River, N. J.

COAST YACHT WORKS

SPORT FISHERMAN

26′x9′4″x2′6″ draft. Single or twin power plants with a range from 95 HP to 250 HP. A roomy boat built to accommodate the fisherman. Also available with raised deck. Prices from $5,500. Other models from 18′ outboards to 28′ inboards available.

MFR., Coast Yacht Works, Red Bank, N. J.

COMMODORE BOATS

18′ ANGLER

18′3″x7′x37″ depth. Approx. wt. 1500 lbs. Approx. speeds, 27 MPH 60 HP; 29 MPH 75 HP; 32 MPH 100 HP. Steering, worm and pinion gear; Propeller shaft, bronze 1″ diameter; bronze shoe and skeg; rubber engine mounts, full instrument panel, oil gauge, ammeter, tachometer, engine hour meter, temperature gauge; self-aligning shaft log, propeller, 3 blade bronze rudder, storage battery, 35 gal. gas tank, motor instruction manual, gas measuring stick. Accessories, Navy folding top, full length cover, compass, toilet installed under front seat, side curtains. Price, $2,750 to $3,085.

MFR., Commodore Boats, New Bern, N. C.

16′ GULL

New Gull powered with Fageol VIP. 16′3″x74″. Approximate weight 520 lbs. Approx. speed 25 mph. Price, $890.

MFR., Commodore Boats, New Bern, N. C.

CORRECT CRAFT

15′ RUNABOUT

15′ boat for a single inboard engine up to 70 hp. Features include Deep V, hydro-dynamic hull, push-button starting, foot and hand throttles, lifetime Monel gas tank, full instrument panel including engine hour meter, non-sink Styrofoam construction and enough power to pull 4 skiers at one time.

MFR., Correct Craft, Orlando, Fla.

20′ DEBONNAIRE D3

20′ Debonnaire with canopy, with power to 285 HP.

MFR., Correct Craft, Pinecastle, Fla.

20′ DEBONNAIRE D1

20′ Debonnaire runabout with power to 285 HP.

MFR., Correct Craft, Pinecastle, Fla.

22′ UTILITY U3

22′ utility with power to 150 HP.

MFR., Correct Craft, Pinecastle, Fla.

22′ UTILITY U5

22′ utility with power to 150 HP.

MFR., Correct Craft, Pinecastle, Fla.

27′ BISCAYNE FISHERMAN BF4

27′ Biscayne Fisherman, fishing bridge and dual controls with power to 215 HP.

MFR., Correct Craft, Pinecastle, Fla.

27′ BISCAYNE FISHERMAN BF1

27′ Biscayne Fisherman, fishing bridge and dual controls with power to 215 HP.

MFR., Correct Craft, Inc., Pinecastle, Fla.

CRIS-WOOD BOAT CO.

MARLIN

19′4″x90″x6″ Inboard runabout with a 125 HP Universal engine. Top speed of 35 mph and a carrying capacity of 1,000 lbs. "V" Drive motor in stern. Price, $1,925, including instruments, windshield, deck hardware. Extra accessories, upholstered seats $75.

MFR., Cris-Wood Boat Co., Rt. 6, Seekonk, Mass.

M. M. DAVIS & SON

CRUIS-ALONG BUCCANEER

Clinker built fishing boat that gives speeds up to 33 mph depending on engine option. 19′ long, 7′ beam, it has a spacious cockpit, hinged and insulated engine box, two steering positions, a stern tiller and forward wheel. A Buccaneer exclusive is the bronze cavitation plate which is standard equipment and helps for maneuverability and propeller efficiency on tight turns. Extras include a head, fish tank, navy top, and curtains, cockpit cover.

MFR., M. M. Davis & Son., Inc., Solomons, Md.

CRUIS-ALONG VACATIONER 22

Self-bailing cockpit with stern seat. In the cabin there are sliding windows, 2 permanent berths and 2 removable berths that are extra equipment. There is a completely equipped galley and enclosed marine toilet. Rope and gear locker, mahogany forward hatch.

MFR., M. M. Davis & Son, Inc., Solomons, Md.

CRUIS-ALONG ANGLER 22

A hard-top fishing boat. Speeds up to 30 mph depending on engine option. Large cockpit with two steering positions, stern tiller and forward wheel. Hinged and insulated engine box forward, mahogany safety hatch. Two quarter berths inside. Extras include marine toilet, side curtains and cockpit cover.

MFR., M. M. Davis & Son, Inc., Solomons, Md.

CRUIS-ALONG SPORSTER 22

Speeds up to 31 mph depending on engine installation. The cockpit has an insulated and hinged engine box, two steering positions, stern tiller and forward wheel. There are two permanent quarter berths and a mahogany forward safety hatch. Extra equipment includes marine toilet, navy top, side curtains and cockpit cover.

MFR., M. M. Davis & Son., Inc., Solomons, Md.

CRUIS-ALONG BIMINI 27

Available with twin or single engine options . . . offers long range cruising with a gasoline tank capacity of 112 gal. The self-bailing cockpit has a flush deck 13½′ long and utilizes the full beam of the boat. Inside the cabin there is full headroom, 2 permanent berths, complete galley and lavatory. Combines features of the Round bottom hull and V bottom type. There is a rope locker and forward mahogany safety hatch. Teak cockpit deck is extra.

MFR., M. M. Davis & Son, Inc., Solomons, Md.

CRUIS-ALONG EXPRESS 27

This Cruis-Along with twin or single engine option has a self bailing cockpit and a wide stern seat. 4 sleep comfortably; 2 in a full sized dinette that opens into a double bed; 2 in a settee that converts into upper and lower berths. There is a lavatory and a completely equipped galley as well as 5 hanging lockers. Screens and teak cockpit deck are extras. This model also features the Cruis-Along Super Hyplane Hull.

MFR., M. M. Davis & Son, Inc., Solomons, Md.

E. W. & A. P. DUPONT, INC.

SAFTICRAFT CRUISER LINE

Includes 26′ Sportsman; 26′ Holiday Sportster; 30′ Marco Polo Express; 30′ Holiday Sportster; 30′ Voyager (Sedan); 34′ Adventurer (Express); 41′6″ Queen Liner (Express). Hull construction (all models); all steel, electric welded. Bottom and side plating, 11 gauge; deck, 12 gauge. Two water tight transverse bulkheads. Framing of steel, longitudinal, closely spaced. Stainless steel rub rail and bumper. Hull finish sandblasted; 5 coats of paint. Cabin construction of solid Honduras mahogany; inside reinforcement, fir plywood framing and cypress.

MFR., E. W. & A. P. Dupont, Inc., Morgan City, La.

EGG HARBOR BOAT CO.

EGG HARBOR 30

Varying improvements have been made in the customized Egg Harbor "30" this year. The standard hull is 30′7″x10′6″x 2′6″. There is full headroom in both the shelter top and cabin. The boat is available as a cruiser or equipped with a flying bridge for sportfishing. Sleeps four with dinette converting into a double berth. Head, hanging lockers, galley with stove and icebox, and all equipment necessary to begin cruising except bedding and dishware. The keel assembly is 3″ white oak, frames are white oak and planking is ⅞″ mahogany Carvel. Bronze and "Everdur" fastened. Self-bailing cockpit and spray rails. Powered by two 125 HP Chrysler Crowns with reduction gear and hydraulic clutch controls. Top speed 23-24 mph. Cruising speed, 16-18 mph for 10 to 12 hours. Price varies with model and equipment.

MFR., Egg Harbor Boat Co., Inc., Egg Harbor City, N. J.

EMANCIPATOR YACHT CORP.

SEA ISLANDER

27′x10′x24″ day cruiser with two berths.

Standard features are porcelain head, foam rubber cushions, navigation lights, forward hatch, instrument panel and Ross Geared Steerer. Other items are Monel tanks, shafts and hatch bindings, chrome-plated brass hardware and 12-volt electrical system. Price with single 145 hp Interceptor and 37 mph speed, $8,750. Twin 215 hp Interceptors and speeds in excess of 50 mph, $11.500.

MFR., Emancipator Yacht Corp., St. Simons Island, Ga.

EMANCIPATOR

30'x10'6"x24" sport cruiser sleeps two. Headroom 6' under hard top, seam batten construction. Standard equipment includes 20 lb. anchor, 50' ½" anchor line, two dock lines, 12-volt electrical system, 4 life preservers, water-cooled exhaust elbows, linoleum floor covering, 1 qt. Pyrene fire extinguisher, galley with stainless steel sink, chrome-plated brass hardware, monel hatch bindings, shafts and tanks, ice box, sound-insulated engine compartments, worm type steerer, butane gas stove, porcelain head, and foam rubber cushions covered with U. S. Naugahyde. Price, $14,000 (approx.).

MFR., Emancipator Yacht Corp., St. Simons Island, Ga.

FINN-CRAFT, INC.

22' DAGGER AND SURFMASTER

Planked and finished entirely of marine grade African mahogany, these craft are clinker built with copper riveted and glued seams, 7'8" beam, high sided freeboard with sweeping flare. The Dagger for utility, etc.; the Surfmaster as a cruising craft or sport fisherman. Her raised deck cabin provides for two bunks and a head and her room for fishing. With a 100 HP engine both the Surfmaster and the Dagger step along at 25 knots.

MFR., Finn-Craft, Inc., 55 W. 42nd St., N. Y. 36, N. Y.

FLEETFORM CORP.

SPORTS HOLIDAY

This new 15' inboard can do 43 mph with the Gray 4-90 Fireball.

MFR., Fleetform Corp., Box 4106, Hicks Field, Fort Worth 6, Tex.

FLYING FINN, INC.

SEAFIN 21'

20'6"x90"x10½". Universal Aqua Pak engine, 65 HP. Top speed of 25 mph. Carries 7. Designed by Wittholz for coastal waters. Has full keel, heavy oak ribs, lapstrake planking, copper rivets, all trim African Mahogany. Price $3385. Price includes windshield, engine, and all Coast Guard requirements (lights etc.).

Available accessories: convertible tops, side curtains, back curtains, mooring covers.

MFR., Flying Finn, Inc., 527 Lexington Ave., New York 17, N. Y.

C. C. GALBRAITH & SON

23' SEA BIRD

23'3"x8'x2' inboard sea skiff. Powered by 125 HP engine. Top speed 30 mph. Engine make: Chrysler Crown. Carrying capacity: 6 to 8. Special features: sea skiff design, solid wood lapstrake planking, copper riveted throughout. Price, $4660 including 2 berths, horn, forward hatch, windshield, c.p. hardware, instruments, running lights, folding cushioned pilot seat, tachometer cable, marine toilet, electric bilge pump, foam rubber cushions, folding top with side curtains, self-bailing cockpit.

MFR., C. C. Galbraith & Son., Inc., Maple Pl. and Manchester Ave., Keyport, N. J.

26' SEA BIRD

26'x9'3"x2' inboard sea skiff. Powered by 125 to 290 HP twin engines. Top speed 40 mph. Engine makes: Chrysler, Dearborn Interceptor, Palmer. Carrying capacity, 8 to 10. Special features: sea skiff design, solid wood lapstrake plankings, copper riveted throughout. Price approx. $5700 including 2 berths, horn, forward hatch, windshield, c.p. hardware, instruments, running lights, folding cushioned pilot seat, tachometer cable, marine toilet, electric bilge pump, foam rubber cushions, folding top with side curtains, self-bailing cockpit.

MFR., C. C. Galbraith & Son., Inc., Maple Pl. and Manchester Ave., Keyport, N. J.

GENERAL MOTORBOAT CORP.

DAY CRUISER

20' class. Features include a shelter cabin and fixed berth for two, a complete galley, head, and hanging lockers in its accommodation plans. Speed of 27 mph with 70 HP Gray Marine power and 18 to 20 mph with single outboard motor.

MFR., General Motorboat Corp. of Annapolis, Md.

GRAFTON BOAT WORKS

24' EXPRESS CRUISER

Welded steel hull, 24'x8'5"x20". Carries 40 gal. gasoline. 14 gal. water. Mahogany cabin, full opening windshield, sliding glass side windows in plastic tracks. Marine toilet and lavatory, full galley, with sink and ice box. 6' headroom in cabin. Running lights, horn, and fire extinguisher. Crome deck fittings. Waterproof plywood floors covered with inlaid linoleum. Optional color schemes: red, blue, green, buff, all with white hull and plastic upholstery. Hull vents with chrome covers. Gas fill and vent outside hull. Anchor, anchor line, and dock lines included. Features double bunks forward with storage room in cabin. It has a large after cockpit with flying bridge windshield and controls. Powered with Gray 6-100. Price F.O.B. factory $5,038.

MFR., Grafton Boat Works, Grafton, Ill.

24' SEDANETTE

24'x8'5"x1'8", welded steel hull, sleeps 4. Fuel capacity is 40 gallons, fresh water, 14 gallons. Recommended engines are from 95 to 225 hp. Standard equipment includes horn, fire extinguisher, chrome deck fittings, jackstaff, flagpole, anchor and line, dock lines, full opening windshield, instrument panel, Marmac steering, engine controls, dinette table, bunk cushions, marine toilet, sink, wash basin and ice box. Mahogany cabin has plywood top. Price, $5,384.

MFR., Grafton Boat Works, Grafton, Ill.

26' EXPRESS CRUISER

26'x8'5"x1'9". Sleeps 4. Can attain speeds to 35 mph with engines ranging from 95 to 225 hp. Has 40 gallon fuel capacity, 20 gallons fresh water. Standard equipment includes horn, fire extinguisher, running lights, range light, chrome deck fittings, jackstaff, flag pole, anchor and dock lines, cockpit scupper, full-opening windshield, instrument panel, Marmac steering, engine controls, toilet, dinette and cushions to convert to double bunk, cushions for forward bunks, galley, ice box and sink. Price, $6,235.

MFR., Grafton Boat Works, Grafton, Ill.

28' FLYING BRIDGE EXPRESS

28'x10'x25". Sleeps 4 to 6, has 6'2" headroom. Fresh water capacity, 20 gallons; fuel capacity, 42 gallons. 100 hp Gray Marine engine. Equipment includes Benson anchor, dinette table with pads converting to double bunk, helmsman seat, head, wash basin, full

opening windshields, cockpit scuppers, Gray Marine instrument panel, Morse engine controls and Marmac steering. Price, $11,195.

MFR., Grafton Boat Works, Grafton, Ill.

29′ SEA FISHER

29′x10′6″x2′1″. Sleeps 2; has 50 gallon fuel capacity, 20 gallons fresh water. Available engines are 150 hp to 225 hp. Standard equipment includes anchor and dock lines, jackstaff, flag pole, running lights, range lights, fire extinguishers, galley-ice box, sink, stove, toilet, wash basin, full-opening windshields, cockpit scuppers, instrument panel, Marmac steering, engine controls, helmsman seat and auxiliary outrigger sockets. Price, $10,788.

MFR., Grafton Boat Works, Grafton, Ill.

34′ SPORTSMAN

34′x11′8″x28″. Sleeps 6; has model 620, 60 hp Gray Marine engine. Fuel capacity, 40 gallons, fresh water capacity, 40 gallons. Features include gas stove, gas bottle and regulator, 110 volt wiring and light plant. Price, $9,371.

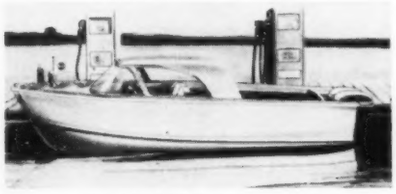
MFR., Grafton Boat Works, Grafton, Ill.

46′ SUNLINER

46′x15′8″x3′3″. Sleeps 6 to 8. Has twin engines with Walters Vee drives, and Vee bottom hull. Features include louver-type doors and windows, gas refrigerator and stove, gas furnace, marine toilet, shower, counter-top wash basin, dressing table and linen storage. Price, with 135 hp gas engines, $29,200; with 135 hp diesels, $35,100.

MFR., Grafton Boat Works, Grafton, Ill.

GRUMMAN BOATS



ALUMINUM 19′ BOATS

Aluminum boats are available as inboard or can carry two outboards. Overniter features streamlined fin-tails, and comes with either open or closed deck.

MFR., Grumman Boats, Inc., 7707 South St., Marathon, N. Y.

HUCKINS YACHT CORP.

NEW FAIRFORM FLYERS

Listed for 1958 as regulars in the Fairform Flyer line are the Sportsman 40, a cruiser-commuter with twin GM or Chrysler diesels delivering 21 to 30 knots; and the Seafarer 64, a full-planing diesel powered model with accommodations for 6, plus a crew of 3, luxury fittings, and speeds to 20 knots.

MFR., Huckins Yacht Corp., Jacksonville, Fla.

INLAND SEAS BOAT CO.

STEEL CLIPPER 28

28′x9′4″, steel hull Flying Bridge Sedan

with Vinyl plastic coating inside and out. Accommodates four on extended cruises, also available as a semi-enclosed day cruiser, sleeping two. Single gasoline engine to 275 HP and twins to 145 HP each.

MFR., Inland Seas Boat Co., Inc., Sandusky, Ohio.

STEEL CLIPPER 40

40′ Flying Bridge Sedan with hardtop, steel hull construction coated inside and out with Vinyl plastic. Sleeps six and includes as standard equipment: hot and cold running water, Formica and stainless steel galley, toilet room and dinette, foam rubber mattresses, and 12 and 110 volt wiring. Powered by gasoline or diesel, single or twin. Speeds in excess of 30 mph with twin 275 HP gas. engines. Also available in a double cabin deckhouse model featuring a folding bulkhead aft that provides a 11′x23′ stateroom. Additional models in various sizes available.

MFR., Inland Seas Boat Co., Inc., Sandusky, Ohio.

HUBERT S. JOHNSON

24′ SPORTSMAN SKIFF

24′5″x8′5″x2′5″. Chrysler Crown engine 125 HP, top speed of 24 mph. Has hydraulic engine controls, monel tanks, navy top, large cockpit, ¾ width combined helmsman and companion seat of foam rubber covered with naugahyde. Carries 1-5 persons. Price, $11,700. Accessories available: Radio, searchlight, permanent top, cockpit cover, docking lights, etc.

MFR., Hubert S. Johnson Boat Mfr., Inc., 571 West Lake Ave., Bay Head, N. J.

28′ SPORTS SKIFF

28′8″x9′11″x2′4″. Chrysler Imperial engine 200 HP, top speed of 24 mph. Carries 1-6 persons. Has teak cockpit and foredeck, monel tanks, navy top, large cockpit, ¾ width combined helmsman and companion seat of foam rubber covered with naugahyde. Price, $17,200. Available accessories: twin engines, radio, searchlight, permanent top, cockpit cover.

MFR., Hubert S. Johnson Boat Mfr., Inc., 571 West Lake Ave., Bay Head, N. J.

30′ DELUXE SPORTSMAN CRUISER

30′6″x10′2″x2′2″. Twin Chrysler Crown Specials, 125 HP each. Top speed of 27 mph. Carries up to 7 persons. Has monel tanks and shafts, dinette, enclosed head, upper and lower berths, flying bridge, navy top, stainless steel galley. Price, $24,700. Available accessories: radio, fathometer, direction finder, electric water closet, fishing chairs, automatic pilot, searchlight, pulpit.

MFR., Hubert S. Johnson Boat Mfr., Inc., 571 West Lake Ave., Bay Head, N. J.

35′ DELUXE EXPRESS CRUISER

35′9″x10′6″x2′6″. Twin Chrysler Imperials. 200 HP each. Top speed of 31 mph. Sleeps four. Has monel tanks and shafts, dinette, enclosed head, upper and lower berths, flying bridge, navy top, stainless steel galley, teak decks. Price, $31,600. Available accessories: radio, fathometer, direction finder, electric water closet, fishing chairs, automatic pilot, searchlight, pulpit, etc.

MFR., Hubert S. Johnson Boat Mfr., Inc., 571 West Lake Ave., Bay Head, N. J.

SPORTSFISHERMAN

42′6″x13′6″x2′6″. Chrysler Imperial Specials. 250 HP each. Top speed of 28 mph. Sleeps five plus two in crew's quarters. Has dinette, enclosed head and shower, complete stainless steel galley, teak decks, flying bridge, pulpit, fish wells, monel tanks throughout. Price $55,000. Accessories available.

MFR., Hubert S. Johnson Boat Mfr., Inc., 571 West Lake Ave., Bay Head, N. J.

KEHRIG MFG. CO.

30′ CRUISER

30′4″x9′10″x2′8″. Headroom 6′3″. Power, 2 100 HP Gray Marine Engines. Gear

ratio, 2:1. Top speed of 26 mph. Walk around deck. Twin screw. Dinette-Pullman berth. Automatic engine controls.

MFR., Kehrig Mfg. Co., 49920 Van Dyke Ave., Utica, Mich.

LAKE WASHINGTON YACHT BASIN

23' SEA DART

Can plane even with 18 passengers as shown above. 42 mph. Powered with 215 HP Dearborn Interceptor engine. Normal passenger load: 4. Hull, deck, bulkheads for $1,765.00 F.O.B. Seattle.

MFR., Lake Washington Yacht Basin, Inc., 120 Lakeside, Seattle 22, Washington.

C. P. LEEK & SONS

PACEMAKER 29'

Sea Skiff 29' over all. Sleeps 4 in 2 cabins with full headroom. Dinette, galley, and toilet. Powered by one Chrysler Crown 125 HP, or two Chrysler Crown 95 HP engines. To speed 25 mph. Standard equipment includes many luxury items. Prices from $8,100.

MFR., C. P. Leek & Sons, Inc., Lower Bank, N. J.

PACEMAKER 33'

Sea Skiff 33' over all. Sleeps 4 in two cabins with full headroom. Fitted with dinette, galley, and toilet. One level cockpit. Standard model is powered by a single Chrysler Crown 1½:1 (reduction gear) 125 HP engine capable of 18 mph. Available in flying bridge, hard top and Navy top models. Prices from $10,250.

MFR., C. P. Leek & Sons, Inc., Lower Bank, N. J.

LYMAN BOAT WORKS

LYMAN ISLANDER

18' over all length. Clinker built of 5 ply, ⅜" marine plywood planking fastened with silicon bronze nails with rubberized cement in the seams. Special features are steering gear and controls mounted amidships in standard model for fishing facility. 60 HP motor. Accessories as in other Lyman boats.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

LYMAN 19

19' over all length, clinker built of 5-ply, ⅜" thick marine plywood planking fastened with silicon bronze nails with seams sealed with rubberized cement. Special features are new windshield and top designs. Power options are 60 and 109 HP gasoline engines.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

LYMAN 23

23' over all length, clinker built of 5 ply, ⅜" thick marine plywood planking fastened with silicon bronze nails with rubberized cement in the seams. Special features are seats for 7, ample stowage space, toilet with enclosing curtains and live bait well as optional equipment; and power from 109 to 165 HP for speeds to 36 mph.

MFR., Lyman Boat Works, Inc., Sandusky, Ohio.

MARBLEHEAD BOAT YARD

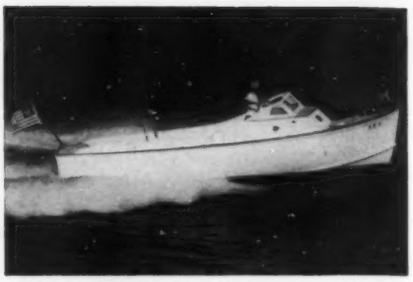
23' CRUISER

23'4"x8'x2". Round bilge constr., carvel planked. Power, Palmer. Dual marine windows forward. Custom hardware in polished manganese bronze. Choice of three engine installations, ranging from 115 to 145 HP. Sleeps two and is completely fitted out for cruising with stove, ice box, enamel sink and 20 gal. water supply. Has ample stowage space for food and utensils. Price, from $5650.

MFR., Marblehead Boat Yard Co., Pool Road, Biddeford, Me.

BASS BOAT

23'4"x8'x2". Round bilge constr., carvel planked. Power, Palmer. Tillers and dual controls 'fore and aft and can be handled with complete control from either station. Dual monel tanks give a long cruising range. Three optional engine installations ranging from 115 to 145 HP. Sleeps two on permanent bunks in cuddy cabin and has ample dry stowage for rods, tackle, radio-telephone and other equipment. Spray rails. Price, from $5695.



MFR., Marblehead Boat Yard Co., Pool Rd., Biddeford, Me.

23' UTILITY

23'4"x8'x2". Round bilge constr., carvel planked. Power, Palmer. Sleeps two on permanent bunks. Has single controls forward and a single 40 gal. gas tank. Engines optional from 115 to 145 HP. Price, from $5350.

MFR., Marblehead Boat Yard Co., Pool Rd., Biddeford, Me.

THE MATTHEWS CO.

42 SPORT FISHERMAN

42'x11'10"x3'4". Twin screw or single, gas or diesel. Top speed 27 mph, fuel capacity, 200 gallons. Accommodations for 5. Headroom is 6'2". Frames of white oak, Philippine mahogany planking. After cockpit is 20 feet long. Flying bridge with dual control can be added. Price, $27,875 with one Chrysler 130 HP; speed 12-14 mph. With walk-around decks, $30,850.

MFR., The Matthews Co., Port Clinton, Ohio.

42 DOUBLE CABIN

42'x13'x3'4". Flying bridge model in single or twin screw. Top speed is 24-26 mph with two 225 HP Chrysler V-8 Imperials. Fuel capacity 210 gallons, water capacity, 110 gallons. Headroom is 6'2". Frames and keel are of white oak, planking Philippine or Honduras mahogany. All engine controls mounted at wheel on flying bridge. Price, $36,900 with one Chrysler 130 HP engine and walk-around decks.

MFR., The Matthews Co., Port Clinton, Ohio.

42 MARTINIQUE EXPRESS

42'x13'x3'4". Twin screw or single, gas or diesel. Speeds of 24 to 26 mph with two 225 HP Chrysler V-8 Imperials. Fuel capacity 200 gallons, water capacity, 100 gallons. Headroom is 6'2". Frames and keel of white oak, Philippine mahogany planking. After cockpit is more than 19' long and accommodates a dozen guest chairs or special fishing

equipment. Price, $30,950 with one Chrysler 130 HP and walk-around decks.

MFR., The Matthews Co., Port Clinton, Ohio.

42 CONVERTIBLE SEDAN

42'x13'x3'4" cruiser. Twin screw or single, gas or diesel. 140-225 HP for each shaft. Cruises at 18-20 mph, with 300 mile cruising range. Fuel capacity 200 gallons. Sleeps 6, 2 heads. Philippine mahogany planking; oak keel and ribs, bronze hull fastenings. Partition between deckhouse and after cockpit can be folded back to enlarge area. Price, $31,950 with one Chrysler Special Crown 130 HP.

MFR., The Matthews Co., Port Clinton, Ohio.

"42" CONVERTIBLE SEDAN

42'x13'x3'4" cruiser. Twin screw or single. Gas or diesel. 140-225 HP for each shaft. Cruises at 18-20 mph. 300 mile cruising range. Fuel capacity 200 gal. Sleeps 6. 2 heads. Philippine mahogany planking; oak keel and ribs; bronze hull fastening. Partition between deckhouse and after cockpit can be folded back to make both sections into one. Price, $31,950 with one Chrysler Special Crown 130 HP.

MFR., The Matthews Co., Port Clinton, Ohio.

MATTHEWS "42"SPORT FISHERMAN

42'x11'10"x3'4". Twin screw or single. Gas or diesel. Top speed 27 mph. Fuel capacity 200 gals. Accommodations for 5. Headroom 6'2". Frames of white oak. Philippine mahogany planking. Aft cockpit is 20 feet long. Flying bridge with dual control can be added. Price, $27,875 with one Chrysler 130 HP; speed 12-14 mph. With walk-around decks, $30,850.

MFR., The Matthews Co., Port Clinton, Ohio.

MATTHEWS "42" FLYING BRIDGE DOUBLE CABIN

42'x13'x3'4". Twin screw or single. Top speed 24-26 mph with two 225 HP Chrysler V-8 Imperials. Fuel capacity 210 gals. Water capacity 110 gals. Headroom 6'2". Frames and keel of white oak. Planking of Philippine or Honduras mahogany. All engine controls mounted at wheel on flying bridge. Price, $36,900 with one Chrysler 130 HP and walk-around decks.

MFR., The Matthews Co., Port Clinton, Ohio.

MATTHEWS "42" MARTINIQUE EXPRESS

42'x13'x3'4". Twin screw or single. Gas or diesel. Top speed 24-26 mph with two 225 HP Chrysler V-8 Imperials. Fuel capacity 200 gal. Water capacity 100 gal. Headroom 6'2". Frames and keel of white oak. Philippine mahogany planking. Aft cockpit is more than 19 feet long and can accommodate a dozen guest chairs or special fishing equipment. Price, $30,950 with one Chrysler 130 HP and walk-around decks.

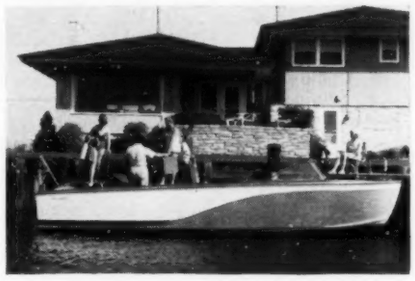
MFR., The Matthews Co., Port Clinton, Ohio.

MAY CRAFT, INC.

MAY CRAFT 23' DAY BOAT

23'x8'x22" semi-enclosed day boat. Powered by 100 HP Graymarine engine. Top speed to 32 mph. Carrying capacity, 10. Hull construction: oak frames, batons, stringers and keel; 5 ply U. S. Marine plywood hull; all decking, water tight canvas; transom, deck trim, interior trim and toe rail all of Philippine mahogany. Special features: 32 gal. fuel capacity with outside fill; auto-lite battery; other engine options; rubber strut bearings; 1" Tobin bronze shaft; opening windshield with side wings; complete chrome on brass deck hardware; Kaiser steering. Also, ammeter, oil gauge, tachometer, heat indicator, hour gauge, choke, starter, light switches, ignition switch and throttle all set in mahogany wheel box. Running lights, forward mahogany panelled storage locker and head; two built-in forward pilot seats; two 6'2" berths, hard top with mahogany grab rails, horn, mast and light.

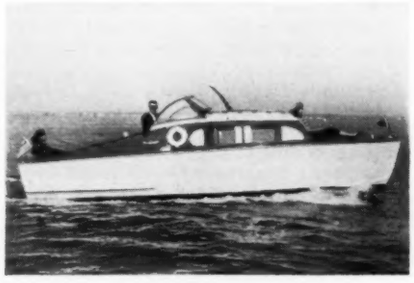
MFR., May Craft, River Rd., Mays Landing, N. J.



MAY CRAFT SPORTSTER

23'x8'x22" inboard. Powered by 100 HP Graymarine engine. Top speed to 34 mph. Carrying capacity, 11. Hull construction: frames, batons, stringers and keel of oak; 5 ply U. S. Marine plywood hull; transom, deck, cockpit, interior, all trims, toe rail all of Philippine mahogany. Special features: 28 gal. fuel capacity with outside fill; autolite battery, other engine options, rubber strut bearings, 1" Tobin bronze shaft, V-shaped opening windshield with side wings, complete chrome on brass deck hardware, Kainer steering. Also, ammeter, oil gauge, tachometer, heat indicator, hour gauge, choke, starter, light switches, ignition switch and throttle all set in mahogany wheel box. Running lights with 30" chrome stern light pole, built-in stern seat and locker, built-in samson post, forward mahogany panelled storage locker and head.

MFR., May Craft, River Rd., Mays Landing, N. J.

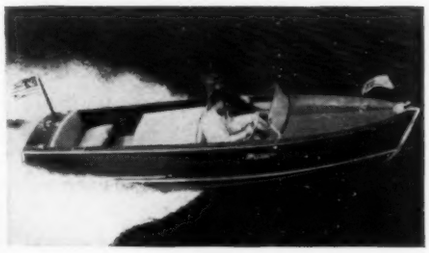


MAY CRAFT CUSTOM 25' CRUISER

25'x8'x22" inboard cruiser. Powered by 100 HP Graymarine engine. Top speed, 29 mph.; cruising speed, 20 mph. Fuel capacity, 36 gals.; cruising range, 200 miles. Sleeps 6. Hull construction: oak frames, batons, stringers and keel; 5 ply U. S. Marine plywood hull; transom, deck, cabin sides, cockpit interior and all trims are of Philippine mahogany. Deluxe upholstered dinette area, accommodations for six, ice box and separate galley with two-burner stove, fully enclosed head, interior lighting, outside water fill of 12 gals., windshields, oak frames and stringers, interior and exterior mahogany finish, brass fastenings, chrome over brass hardware, running lights, horn, fire extinguishers, mooring lines, anchor and line, mattresses and upholstered berth areas, 40 gal. fuel tank.

MFR., May Craft, River Rd., Mays Landing, N. J.

MERCURY BOAT CO.



SABRE

16'x5'10" with 16" draft. Gray Marine engine. Gas. 115 HP with top speed of 40 mph. Price, $3,290 with standard equipment including automatic bailer, fire extinguisher, chrome plated brass and bronze hardware, step pads, cutwater signal, navigation lights, supported vinyl plastic upholstery, life preserver type cushions, dock lines, instrument panel, ammeter, tachometer, temperature gauge, fuel gauge, oil gauge, natural finish mahogany lined cockpit with pockets. Optional accessory equipment includes aquameter, engine hour meter, chocks and cleats, fore-deck ventilators, boat cover, trailer.

MFR., Mercury Boat Co., 2711 Tulare Ave., Burbank, Calif.

MUSTANG

18'x6'6½" with draft of 17". 215 HP with top speed of 50 mph. Interceptor engine with 25 gal. fuel capacity. Holds 6 people. Price, $4,390. Standard equipment includes automatic bailer, fire extinguisher, chrome plated brass, bronze hardware, step pads, cutwater, electric signal life preserver type cushions, dock lines, navigation lights, instrument panel, ammeter, tachometer, temperature gauge, fuel gauge, oil gauge, finished in natural mahogany, electrical system 12 v. Upholstery: Powder blue supported vinyl over foam rubber. Optional accessory equipment includes aquameter, engine hour meter, chocks and cleats, boat cover, trailer, foredeck ventilators, electrolysis wiring, upholstery colors, red or sea foam green available by order.

MFR., Mercury Boat Co., 2711 Tulare Ave., Burbank, Calif.

OWENS YACHT CO.

SPEEDSHIP 16 DELUXE

15'3½"x69" inboard has Flagship Marine 66 HP engine capable of speeds to 34 mph, and fuel capacity of 20 gallons. Also 12 volt electrical system, solid mahogany dashboard with "easy read" instrument panel, automotive-type steering wheel, vernier-type throttle control with position-lock and micro-adjustment knob. Standard equipment: manual-operating syphon bilge drain, lifting rings, battery, propeller, stern light, aft cleats, towing ring, fire extinguisher,

ski tow bar and mirror. Price, $2,495.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 19

19'x82½" inboard runabout has Flagship 6 cylinder 100 HP engine, for speeds to 35 mph, with 30 gallons fuel. Approximate weight, 1625 lbs. Features include raised forward deck, 2 forward seats converting into bunk for 2, full width stern seat, storage lockers, automotive steering wheel, "easy read" instrument panel and manual-operating syphon bilge drain. Price, $2,795.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 19 DELUXE

19'x82½" inboard runabout with 200 HP Flagship marine V-8 engine for speeds to 45 mph. 2 forward seats convert into bunk for 2. Fuel capacity 30 gallons; 12 volts; approximate weight, 1625 lbs. Features full width stern seat, storage lockers, automative steering wheel, mahogany dashboard with "easy read" instrument panel, manual-operating syphon bilge drain, and fire extinguisher. Price, $3,485.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 22

22'7"x8' express cruiser with Flagship marine 6 cylinder 100 HP engine for speeds to 30 mhp, or with Flagship marine V-8 200 HP engine for speeds to 40 mph. Approximate weight, 3020 lbs. Boat has full-length berths for 2, complete galley, ice box, folding table, private dining room, upholstered engine box, "easy read" instrument panel, battery, propeller and fire extinguisher. Prices, $4,095 with 100 HP engine; $4,385 with 200 HP engine.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 27

Express cruiser with head forward or aft, in both standard or deluxe models. Four-seater dinette converts to double bed; in head-forward model, 6'6" lounge converts into upper and lower berths; in head-aft model forward area sleeps 3 adults or 4 children. Features include one-level cockpit, stove, sink, ice chest, 2 fire extinguishers, and "easy read" instrument panel. Standard model has automotive-type steering wheel, deluxe has ship's wheel. Prices: Standard models, head forward; single screw Flagship marine V-8 200 HP engine, $8,050, or twin Flagship marine 6 cylinder 100 HP engine, $8,750; head aft, single screw Flagship marine V-8 200 HP, $8,250 or twin Flagship marine 6 cylinder 100 HP, $8,950. Deluxe models, head forward, twin Flagship marine 6 cylinder 100 HP, $9,450 or head aft, twin Flagship marine 6 cylinder 100 HP, $9,650.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

MODEL 27
BRIDGE SEDAN CRUISER

With extended cruising accommodations for four, this new model is available in two cabin plans: the dinette arrangement with the double bed lounge opposite, and the new "two-in-one" arrangement with the toilet room aft on the starboard side, and double berths in the bow. It is available in several engine choices, including the new Flagship Marine 200 HP V-8.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

MODEL 31 SEDAN

Two staterooms, deluxe cruising accommodations for four. Available with a 6 cylinder, 136 HP Flagship Marine engine, or with twin 6-cylinder, 100 HP engines, the "136" offers speeds to 22 mph. The Owens Hyperbolic Vee hull design with high freeboard and wide flaring sides makes this a safe, all-weather cruising boat. This cruiser's 1" thick bottom is double planked of edgegrain, moisture controlled, preservative-treated mahogany laid diagonally with waterproof adhesive bedded canvas between layers. Has mahogany paneling in cabins and cockpit. This cruiser has 60" of cockpit space for lounging and fishing, cabins having full 6'3" headroom and chair height windows, a large between cabin lavatory, and a fully equipped galley.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 31 SEDAN CRUISER

Available with single screw Flagship marine 200 HP V-8 engine or twin Flagship marine 6 cylinder 100 HP engines. Has two staterooms, galley, private head, 12 volt electrical system, 2 fire extinguishers and "easy read" instrument panel. Prices, with single screw engine, $10,995; with twin engines, $11,785.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 31 EXPRESS CRUISER

Features one-level cockpit, all mahogany central cabin, berths for 6 in 2-cabin privacy, galley and toilet room. Powered with twin Flagship marine 136 HP engines with hydraulic reverse gears, has 12 volt electrical system and flying bridge with windshield. Price, $13,450.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 35 CRUISER

Bridge-Sedan cruiser with twin Flagship marine 6 cylinder, 136 HP engines. Sleeps 7, has complete galley, toilet room, semi-enclosed flying bridge with 8' hardtop, "easy read" instrument panel, electric bilge blower, 2 fire extinguishers and fresh water system piped to galley and head. 12 volt electrical system, and independent 110 volt dockside wiring system. Price, $16,845.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

PACESETTER BOATS

DOLPHIN UTILITY

17'9"x6'3"x1'5". Boat may be ordered with Chrysler, Gray Marine or Dearborn Interceptor engines from 95 to 215 HP. Top speeds from 31 to 50 mph. Carries 6. Features Monel gas tank, Naugahyde seats, vinyl floor covering, gas gauge, paneled cockpit, full length spray rail and deep freeboard. Also built in Cutlass model twin forward runabout and Hurricane model one forward, one aft racer. Prices, from $3,350 to $4,375.

MFR., Pacesetter Boats, Inc., Waxahachie, Tex.

EXPRESS CRUISER

22'x7'8", for either inboard or outboard engines. Suitable for 30 HP to twin 60 HP outboards or 60 to 215 HP inboards. Sleeps 2, has cooking facilities and head. Features include plywood hull, fir sides, mahogany decks, and oak frames, keel and stem.

MFR., Pacesetter Boats, Inc., Waxahachie, Tex.

PEMBROKE BOATS, INC.

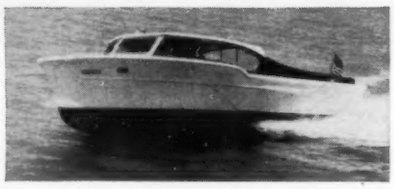
SEA SKIFFS

A complete line of mahogany lapstrake

Sea Skiff-type boats from 16′ to 26′ in length. Featured is the Express Cruiser "25," which is designed for offshore cruising and sport fishing. Equipped with sleeping accommodations for four, dinette, galley, enclosed head, hydraulic controls, and automotive-type heavy duty steering. Also features flying bridge windshield, convertible top, forty-gallon gas tank and Sea Skiff-type skeg. Powered with Dearborn 150 HP Interceptor V8s for speeds to 35 mph. Models also available for twin outboard installations.

MFR., Pembroke Boats Inc., Epsom, New Hampshire.

PERMA CRAFT CORP.



SEA SHELL

28′ custom-built, all fiberglass, available in sedan cruiser, flying bridge cruiser, sport fisherman cruiser or hull only, for owner to complete. Boat can be used with single or twin motors, and can attain speeds up to 40 mph with a single motor.

MFR., Perma Craft Corp., 22704 Harper, St. Clair Shores, Mich.

PERSELY & RIEHL

CLINTON 21

21′2″x7′10″x4′2″ depth fwd., 3′2″ aft. Steel hull, 13 gauge alloy, welded construction with all ribs and floor braced. Ready for installation of inboard motor. Flared bow, weight 300 lbs. Price $975. F.O.B. Port Clinton.

MFR., Persely & Riehl Mfg. Co., P.O. Box 381, Port Clinton, O.

PRIGG BOAT WORKS

19′ BAHAMA SKIFF

19′x7′8″x16″. Has Gray, Chrysler, or Dearborn Interceptor with 70 to 215 HP. Top speed of 28 to 50 mph. Carries 6. Constr. mahogany with white oak ribs, silicon bronze fastenings. Prize, $2,695 and up. Accessories available.

MFR., Prigg Boat Works, 501 N. W. South River Dr., Miami, Fla.

26′ BAHAMA SKIFF

26′x10′4″x2′. Has Gray or Chrysler engine. Can use two motors of 70 HP, 100 HP, 125 HP. Top speed of 38 mph with twin screws, fuel capacity of 100 gallons. Can sleep 2 to 4 people. Has cooking facilities and head. Solid mahogany, white oak ribs, lapstrake silicon bronze screw fastened. Special features: reverse lap bottom. Price, $7,900 including ventilating windshield, head, wash stand, built in bunks.

MFR., Prigg Boat Works, 501 N. W. South River Dr., Miami, Fla.

ALLEN QUIMBY

BONITO

21′2″x7′9″x1′10″ of longitudinal oak and laminated wood frame with mahogany and birch plywood planking; single screw only and power plant options from 100 hp with 45 mph top speed. Reported to be stable and dry in rough water, with a full planing hull for speed; trolling maneuverability also. Price: $3,580.

MFR., Allen Quimby Veneer Co., Bristol Boats Division, Bingham, Me.

BARRACUDA

24′9″x8′x2′. Model has 100 hp Gray Engine with fuel capacity of 40 gallons, and can attain speeds to 35 mph. Weighing 3,000 lbs., it has 2 large berths and gives excellent rough-water performance. Price, $5,180, includes windshield.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

DOLPHIN

33′4″ length, 11′4″ beam, with power options to twin 225 hp motors and top speeds in excess of 35 mph. This new Dolphin model will be available as sport fisherman with 2 berths, or sedan with 4 berths. It has over 6′ head room. Standard equipment includes plastic covered mattresses, anchor and lines, Corsair compass and electric bilge pump. Price, from $$11,900.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

MARLIN

New model is 42′ long, with a 12′6″ beam. It has many power options. As a twin screw cruiser, it is equipped with Imperial Special V-8's delivering 225 hp, with a 2.04 to 1 reduction gear. Can attain top speed of 27 knots, and cruises at 20 knots. Fuel capacity is 300 gallons, and cruising range, 300 miles. Boat sleeps 4, and has galley and head. Full-length sheet planking of mahogany and birch plywood over longitudinal oak framing, otherwise mahogany plywood throughout. Price, from $27,000.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

SAILFISH

Newest model Bristol, with overall length of 36′, 12′ beam, and with power options to twin 225 hp motors with speeds to 35 mph. This model is available as sport fisherman with 2 berths or sedan with 4 berths. Built to be a rough-water performer, it has hydraulic controls, 12 volt ignition. Price, from $18,000.

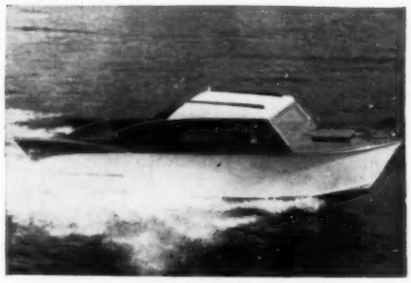
MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

REVEL CRAFT MFG. CO.

21′ EXPRESS CRUISER

21′x7′10″x10″. Speeds 20 to 25 mph. Headroom 68″. Two bunks 7′. Cockpit 6′x8′. Two bunks with foam cushions. Enclosed toilet. Galley with 12″x16″ white porcelain sink. 50 lb. insulated ice box. Dish and tumbler racks. Alcohol stove. Mahogany sink top. Large utility cupboard space. Full length mahogany control box with light switches. Doors mahogany. Main cabin bulkhead mahogany. Price, $2,145.

MFR., Revel Craft Mfg. Co., P. O. Box 20, Arnold, Md.



21′ SPORTS CRUISER

21′x7′10″x10″. Speeds 20 to 25 mph. Headroom 68″. Two bunks 7′. Cockpit 6′x8′. Price, $1545.

MFR., Revel Craft Mfg. Co., P. O. Box 20, Arnold, Md.

21′ UTILITY CRUISER

21′x7′10″x10″. Speeds 20 to 25 mph. Headroom 68″. Two bunks 7′. Cockpit 6′x8′. Price, $1,245.

MFR., Revel Craft Mfg. Co., P. O. Box 20, Arnold, Md.

SEA SKIFF DIV. CHRIS-CRAFT

18′ SEA SKIFF

18′x6′9¼″x1′9″. Powered by Chris-Craft

ski tow bar and mirror. Price, $2,495.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 19

19'x82½" inboard runabout has Flagship 6 cylinder 100 HP engine, for speeds to 35 mph, with 30 gallons fuel. Approximate weight, 1625 lbs. Features include raised forward deck, 2 forward seats converting into bunk for 2, full width stern seat, storage lockers, automotive steering wheel, "easy read" instrument panel and manual-operating syphon bilge drain. Price, $2,795.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 19 DELUXE

19'x82½" inboard runabout with 200 HP Flagship marine V-8 engine for speeds to 45 mph. 2 forward seats convert into bunk for 2. Fuel capacity 30 gallons; 12 volts; approximate weight, 1625 lbs. Features full width stern seat, storage lockers, automative steering wheel, mahogany dashboard with "easy read" instrument panel, manual-operating syphon bilge drain, and fire extinguisher. Price, $3,485.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

SPEEDSHIP 22

22'7"x8' express cruiser with Flagship marine 6 cylinder 100 HP engine for speeds to 30 mhp, or with Flagship marine V-8 200 HP engine for speeds to 40 mph. Approximate weight, 3020 lbs. Boat has full-length berths for 2, complete galley, ice box, folding table, private dining room, upholstered engine box, "easy read" instrument panel, battery, propeller and fire extinguisher. Prices, $4,095 with 100 HP engine; $4,385 with 200 HP engine.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 27

Express cruiser with head forward or aft, in both standard or deluxe models. Four-seater dinette converts to double bed; in head-forward model, 6'6" lounge converts into upper and lower berths; in head-aft model forward area sleeps 3 adults or 4 children. Features include one-level cockpit, stove, sink, ice chest, 2 fire extinguishers, and "easy read" instrument panel. Standard model has automotive-type steering wheel, deluxe has ship's wheel. Prices: Standard models, head forward; single screw Flagship marine V-8 200 HP engine, $8,050, or twin Flagship marine 6 cylinder 100 HP engine, $8,750; head aft, single screw Flagship marine V-8 200 HP, $8,250 or twin Flagship marine 6 cylinder 100 HP, $8,950. Deluxe models, head forward, twin Flagship marine 6 cylinder 100 HP, $9,450 or head aft, twin Flagship marine 6 cylinder 100 HP, $9,650.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

MODEL 27
BRIDGE SEDAN CRUISER

With extended cruising accommodations for four, this new model is available in two cabin plans: the dinette arrangement with the double bed lounge opposite, and the new "two-in-one" arrangement with the toilet room aft on the starboard side, and double berths in the bow. It is available in several engine choices, including the new Flagship Marine 200 HP V-8.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

MODEL 31 SEDAN

Two staterooms, deluxe cruising accommodations for four. Available with a 6 cylinder, 136 HP Flagship Marine engine, or with twin 6-cylinder, 100 HP engines, the "136" offers speeds to 22 mph. The Owens Hyperbolic Vee hull design with high freeboard and wide flaring sides makes this a safe, all-weather cruising boat. This cruiser's 1" thick bottom is double planked of edgegrain, moisture controlled, preservative-treated mahogany laid diagonally with waterproof adhesive bedded canvas between layers. Has mahogany paneling in cabins and cockpit. This cruiser has 60" of cockpit space for lounging and fishing, cabins having full 6'3" headroom and chair height windows, a large between cabin lavatory, and a fully equipped galley.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 31 SEDAN CRUISER

Available with single screw Flagship marine 200 HP V-8 engine or twin Flagship marine 6 cylinder 100 HP engines. Has two staterooms, galley, private head, 12 volt electrical system, 2 fire extinguishers and "easy read" instrument panel. Prices, with single screw engine, $10,995; with twin engines, $11,785.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 31 EXPRESS CRUISER

Features one-level cockpit, all mahogany central cabin, berths for 6 in 2-cabin privacy, galley and toilet room. Powered with twin Flagship marine 136 HP engines with hydraulic reverse gears, has 12 volt electrical system and flying bridge with windshield. Price, $13,450.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FLAGSHIP 35 CRUISER

Bridge-Sedan cruiser with twin Flagship marine 6 cylinder, 136 HP engines. Sleeps 7, has complete galley, toilet room, semi-enclosed flying bridge with 8' hardtop, "easy read" instrument panel, electric bilge blower, 2 fire extinguishers and fresh water system piped to galley and head. 12 volt electrical system, and independent 110 volt dockside wiring system. Price, $16,845.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

PACESETTER BOATS

DOLPHIN UTILITY

17'9"x6'3"x1'5". Boat may be ordered with Chrysler, Gray Marine or Dearborn Interceptor engines from 95 to 215 HP. Top speeds from 31 to 50 mph. Carries 6. Features Monel gas tank, Naugahyde seats, vinyl floor covering, gas gauge, paneled cockpit, full length spray rail and deep freeboard. Also built in Cutlass model twin forward runabout and Hurricane model one forward, one aft racer. Prices, from $3,350 to $4,375.

MFR., Pacesetter Boats, Inc., Waxahachie, Tex.

EXPRESS CRUISER

22'x7'8", for either inboard or outboard engines. Suitable for 30 HP to twin 60 HP outboards or 60 to 215 HP inboards. Sleeps 2, has cooking facilities and head. Features include plywood hull, fir sides, mahogany decks, and oak frames, keel and stem.

MFR., Pacesetter Boats, Inc., Waxahachie, Tex.

PEMBROKE BOATS, INC.

SEA SKIFFS

A complete line of mahogany lapstrake

Sea Skiff-type boats from 16′ to 26′ in length. Featured is the Express Cruiser "25," which is designed for offshore cruising and sport fishing. Equipped with sleeping accommodations for four, dinette, galley, enclosed head, hydraulic controls, and automotive-type heavy duty steering. Also features flying bridge windshield, convertible top, forty-gallon gas tank and Sea Skiff-type skeg. Powered with Dearborn 150 HP Interceptor V8s for speeds to 35 mph. Models also available for twin outboard installations.

MFR., Pembroke Boats Inc., Epsom, New Hampshire.

PERMA CRAFT CORP.

SEA SHELL

28′ custom-built, all fiberglass, available in sedan cruiser, flying bridge cruiser, sport fisherman cruiser or hull only, for owner to complete. Boat can be used with single or twin motors, and can attain speeds up to 40 mph with a single motor.

MFR., Perma Craft Corp., 22704 Harper, St. Clair Shores, Mich.

PERSELY & RIEHL

CLINTON 21

21′2″x7′10″x4′2″ depth fwd., 3′2″ aft. Steel hull, 13 gauge alloy, welded construction with all ribs and floor braced. Ready for installation of inboard motor. Flared bow, weight 300 lbs. Price $975. F.O.B. Port Clinton.

MFR., Persely & Riehl Mfg. Co., P.O. Box 381, Port Clinton, O.

PRIGG BOAT WORKS

19′ BAHAMA SKIFF

19′x7′8″x16″. Has Gray, Chrysler, or Dearborn Interceptor with 70 to 215 HP. Top speed of 28 to 50 mph. Carries 6. Constr. mahogany with white oak ribs, silicon bronze fastenings. Prize, $2,695 and up. Accessories available.

MFR., Prigg Boat Works, 501 N. W. South River Dr., Miami, Fla.

26′ BAHAMA SKIFF

26′x10′4″x2′. Has Gray or Chrysler engine. Can use two motors of 70 HP, 100 HP, 125 HP. Top speed of 38 mph with twin screws, fuel capacity of 100 gallons. Can sleep 2 to 4 people. Has cooking facilities and head. Solid mahogany, white oak ribs, lapstrake silicon bronze screw fastened. Special features: reverse lap bottom. Price, $7,900 including ventilating windshield, head, wash stand, built in bunks.

MFR., Prigg Boat Works, 501 N. W. South River Dr., Miami, Fla.

ALLEN QUIMBY

BONITO

21′2″x7′9″x1′10″ of longitudinal oak and laminated wood frame with mahogany and birch plywood planking; single screw only and power plant options from 100 hp with 45 mph top speed. Reported to be stable and dry in rough water, with a full planing hull for speed; trolling maneuverability also. Price: $3,580.

MFR., Allen Quimby Veneer Co., Bristol Boats Division, Bingham, Me.

BARRACUDA

24′9″x8′x2′. Model has 100 hp Gray Engine with fuel capacity of 40 gallons, and can attain speeds to 35 mph. Weighing 3,000 lbs., it has 2 large berths and gives excellent rough-water performance. Price, $5,180, includes windshield.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

DOLPHIN

33′4″ length, 11′4″ beam, with power options to twin 225 hp motors and top speeds in excess of 35 mph. This new Dolphin model will be available as sport fisherman with 2 berths, or sedan with 4 berths. It has over 6′ head room. Standard equipment includes plastic covered mattresses, anchor and lines, Corsair compass and electric bilge pump. Price, from $$11,900.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

MARLIN

New model is 42′ long, with a 12′6″ beam. It has many power options. As a twin screw cruiser, it is equipped with Imperial Special V-8's delivering 225 hp, with a 2.04 to 1 reduction gear. Can attain top speed of 27 knots, and cruises at 20 knots. Fuel capacity is 300 gallons, and cruising range, 300 miles. Boat sleeps 4, and has galley and head. Full-length sheet planking of mahogany and birch plywood over longitudinal oak framing, otherwise mahogany plywood throughout. Price, from $27,000.

MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

SAILFISH

Newest model Bristol, with overall length of 36′, 12′ beam, and with power options to twin 225 hp motors with speeds to 35 mph. This model is available as sport fisherman with 2 berths or sedan with 4 berths. Built to be a rough-water performer, it has hydraulic controls, 12 volt ignition. Price, from $18,000.

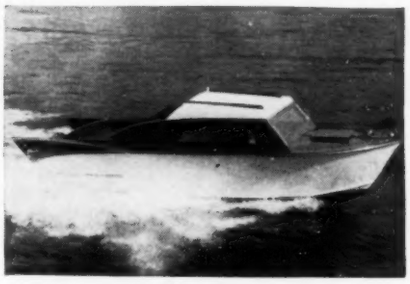
MFR., Allen Quimby Veneer Co., Bristol Boat Division, Bingham, Me.

REVEL CRAFT MFG. CO.

21′ EXPRESS CRUISER

21′x7′10″x10″. Speeds 20 to 25 mph. Headroom 68″. Two bunks 7′. Cockpit 6′x8′. Two bunks with foam cushions. Enclosed toilet. Galley with 12″x16″ white porcelain sink. 50 lb. insulated ice box. Dish and tumbler racks. Alcohol stove. Mahogany sink top. Large utility cupboard space. Full length mahogany control box with light switches. Doors mahogany. Main cabin bulkhead mahogany. Price, $2,145.

MFR., Revel Craft Mfg. Co., P. O. Box 20, Arnold, Md.



21′ SPORTS CRUISER

21′x7′10″x10″. Speeds 20 to 25 mph. Headroom 68″. Two bunks 7′. Cockpit 6′x8′. Price, $1545.

MFR., Revel Craft Mfg. Co., P. O. Box 20, Arnold, Md.

21′ UTILITY CRUISER

21′x7′10″x10″. Speeds 20 to 25 mph. Headroom 68″. Two bunks 7′. Cockpit 6′x8′. Price, $1,245.

MFR., Revel Craft Mfg. Co., P. O. Box 20, Arnold, Md.

SEA SKIFF DIV. CHRIS-CRAFT

18′ SEA SKIFF

18′x6′9¼″x1′9″. Powered by Chris-Craft

engine, 60 to 105 HP. Top speed 25 to 31 MPH. Carries 6 passengers. Round bilge. Lapstrake construction. Joints reinforced with synthetic rubber based sealer. Bronze shoe propeller guard. Worm and pinion steering. Price, from $2660 including battery, chocks, clutch controls, dock lines, engine box, engine, fender rails, copper tubing fuel line, galvanized vented fuel tank, instruments, jackstaff, lifting rings, navigation lights, shipping cradle, propeller shoe, tools. Accessories: anchor, $7.50; anchor line, $6; automatic bailer, $11.50; bell, $10.50; boat hook and clips, $12.50; compass, $50; instrument group, $37.75; electric bilge pump, $66.50; 1 quart fire extinguisher, $13.25; fishbox with dual pump, $120; folding top with side curtains, $89; icebox, $92.50; transom mount ladder, $43.25; linoleum flooring, $68; searchlight, $37.50; toilet, $112; windshield, $120; spare propeller, $23.85; plus others.

MFR., Chris-Craft Corp., Algonac, Mich.

22′ SEA SKIFF

22′x7′5¼″x2′. Powered by 95 to 130 HP Chris-Craft engine. Top speed 23 to 31 mph. Carries 6 passengers. Round bilge. Lapstrake construction. Joints reinforced with synthetic rubber based sealer. Bronze shoe propeller guard. Worm and pinion steering. Price, from $3540 including battery, chocks, clutch controls, dock lines, engine, fender rails, fuel lines, tank and measuring stick, ammeter, oil pressure gauge, jack staff, lifting rings, navigation lights, rudder, shipping cradle, throttle control, tools. Available accessories include the following: anchor, $7.50; anchor line, $6; automatic bailer, $11.50; bell, $10.50; boat hook and clips, $10.50; compass, $50; electric bilge pump, $66.50; 1 quart fire extinguisher, $13.25; fishbox with dual pump, $180; folding top with side curtains, $98.50; forward deck hatch, $33.50; icebox, $92.50; transom ladder, $43.25; linoleum flooring, $85; permanent top with side curtains, $370; searchlight, $37.50; toilet, $112; windshield, $120.

MFR., Chris-Craft Corp., Algonac, Mich.

26′ SEA SKIFF ENCLOSED CRUISER

26′x9′x2′1″. Powered by 130 to 175 HP Chris-Craft engine, or by twin 95's to twin 105's. Top speed 23 to 31 mph. Fuel capacity 60 gal. Sleeps 4; has head and galley. Round bilge; lapstrake hull. Has copper rivets, brass and bronze screws and bolts. Synthetic rubber based sealer. Worm and pinion steering. Price, from $8480 including all standard equipment. Available accessories include the following: anchor and line, $13.50; bell, $10.50; boat hook and clips, $12.50; compass, $50; electric bilge pump, $66.50; fishbox, $183.55; folding top with side curtains, $180; folding helmsman seat, $104; transom ladder, $43.25; linoleum flooring, $88; searchlight, $37.50.

MFR., Chris-Craft Corp., Algonac, Mich.

26′ SEA SKIFF

26′x8′4″x2′1″. Powered by 95 to 175 HP Chris-Craft engine. Top speed 24-32 mph. Carries 6 passengers. Round bilge. Lapstrake construction. Joints reinforced with synthetic rubber based sealer. Bronze shoe propeller guard. Worm and pinion steering. Price, from $4050 including all standard equipment. Accessories available include the following: anchor and line, $13.50; automatic bailer, $11.50; bell, $10.50; boat hook and clips, $12.50; vee berths, $48.60; compass, $50; electric bilge pump, 066.50; 1 quart fire extinguisher, $13.25; fishbox with dual pump, $180; folding top with side curtains, $125; forward deck hatch, $35.25; icebox, $96.25; transom ladder, $43.25; lifting rings, $86; linoleum flooring, $88; searchlight, $37.50; toilet, $112; windshield, $160.

MFR., Chris-Craft Corp., Algonac, Mich.

30′ SEA SKIFF SEMI-ENCLOSED

30′x9′9″x2′4″. Powered by 130 to 175 HP Chris-Craft and Dearborn engines, or by twin 105's to 215's. Top speed 21 to 36 mph. Fuel capacity 65 gal. with single engine, 90 gal. with twins. Sleeps 4; has head and galley. Round bilge; lapstrake construction. Has copper rivets, brass and bronze screws and bolts. Synthetic rubber based sealer. Worm and pinion steering. Price, from $10,110 including battery, bilge and engine room ventilators, cleats and chocks, clutch control, dock lines, engine, fender rails, fresh water system, fuel lines, fuel tank and measuring stick, galley sink and drain, hand rails, icebox, instruments, lavatory basin and drain, navigation lights, rudder, shipping cradle, electric and mouth signals, sliding windows and screens, throttle control, pump type toilet, tools, 2 burner alcohol stove, vee berths with pad mattresses, ventilating windshield, yacht ensign. Many additional accessories available.

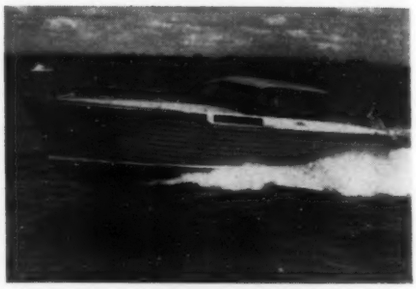
MFR., Chris-Craft Corp., Algonac, Mich.

30′ OPEN SEA SKIFF

30′x9′9″x2′4″. Powered by 130 to 175 HP Chris-Craft and Dearborn engines, or twin 95's to twin 215's. Top speed 22 to 27 mph. Has copper rivets, brass and bronze screws and bolts. Synthetic rubber based sealer. Worm and pinion

steering. Price, from $7230 including all standard equipment. Many accessories available including 2 vee berths forward.

MFR., Chris-Craft Corp., Algonac, Mich.

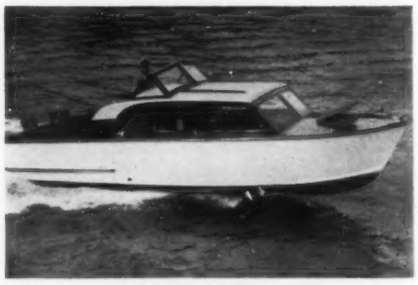


40′ SEA SKIFF SEMI-ENCLOSED CRUISER

40′x12′x2′9″ twin screw cruiser. Powered by Chris-Craft, Dearborn or Chrysler engines, twin 130's through twin 225's. Top speed 24 to 30 mph. Fuel capacity 200 gal. Sleeps 6; has galley and head. Round bilge; lapstrake construction. Has copper rivets, brass and bronze screws and bolts. Synthetic rubber based sealer. Worm pinion steering. Price, from $24,130 including anchor and line, battery, bilge and engine room ventilators, cleats and chocks, clutch control, dinette, dock lines, engines, fender rails, fire extinguishers, fresh water system, fuel system, galley sink and drains, hand rails, forward deck hatch, hull drain plug, icebox, instruments, lavatory basin and drain; 6 life jackets, linoleum cabin floor, navigation lights, port lights, rudders, shipping cradle, electric and hand signals, sliding windows, 2 burner alcohol stove, throttle control, pump type toilet, tools, towing bitt, vee berths, ventilating windshield, yacht ensign. Many accessories also available.

MFR., Chris-Craft Corp., Algonac, Mich.

SALEM BOATS



25′ CABIN CRUISER

Hulls are of African mahogany plywood over oak frames. Coverboards and trim are of solid mahogany. The 17′ Convertible model converts for overnite use. Two full-size berths. Convertible top and side curtains enclose the entire cockpit for overnite use. 25′ Cruiser accommodations for four include galley with sink, fresh water supply, icebox, and two burner stove. Upper bunks fold

down, providing dinette seat backs. Full headroom, private head, and storage space are provided.

MFR., Salem Boats, P. O. Box 512, Salem, Virginia.

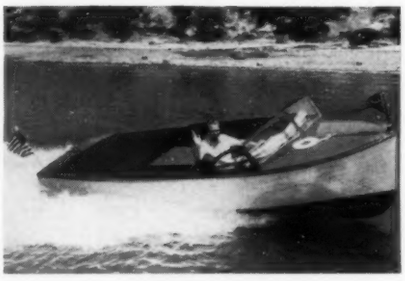
SHELCRAFT, INC.

SPORTSTER V.I.P.

15'11"x75"x8". 35 or 45 HP Fagoel engine. Top speed 32 mph. Cruises at 28 mph. Sleeps 2. Planking ⅜" 5-ply mahogany. Frames ⅞" Philippine mahogany. Transom ¾" 7-ply mahogany. 10 foot long cockpit. Price, $1990.00. Accessories: Folding top, $65.00; side curtains, $30.00; back curtains, $35.00; hatch, $35.00; cushions, $75.00; toilet, $115.00.

MFR., Shelcraft, Inc., 15th & Crosby Sts., Chester, Pa.

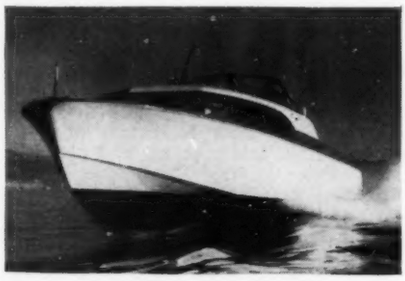
SOUTH COAST CO.



SOUTH COAST 18

18'6"x6'11½"x1'10" clinker runabout, Available with Graymarine 60, or 100 and Interceptor 125. Top speed 32 mph. Carries 7 seated passengers. All bronze and copper fastenings, oak frames and keel, clinker plywood planking, varnished mahogany trim, temperature control on engine, bronze shaft and strut, rubber bearing. Price, $3,370.00 including stainless gunwale guard, electric chrome running lights, staff and horn, chrome lifting eyes. Available accessories are marine toilet under forward seat, electric bilge pump, hull drain plug, electric windshield wiper, canvas cover, searchlight, etc.

MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.



SOUTH COAST BLUE WATER 30

30'x10'x2'4" cruiser. Pair of 200 HP Chrysler engines gives top speed of 40 mph. Cruises at 35 mph. Fuel capacity 196 gal. Sleeps 4 with galley and head. Double planked mahogany, all monel and bronze fastened, monel propellor shafts and gasoline tanks, manganese bronze struts and rudders, stainless steel water tank, Honduras mahogany trim, chrome hardware. Designed for high speed running in open water. Price, $24,-500.00 including all airfoam cushions and mattresses, anchor, 2 fire extinguishers, stainless alcohol stove, life preservers, running lights, etc. Folding sport top available as extra.

MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

SPORT FISHING BOATS CO., INC.

THE STRIKER 24'

24'2"x8'6"x2'. Engine makes are Nordberg and General Motors, for gas and diesel. Horsepower is 95 HP, speed up to 30 mph. Features corrosion resistant welded steel hull, two Monel metal gas tanks holding 42 gallons each. Additional features at extra cost are enclosed head, and galley with a stainless steel sink.

MFR., Sport Fishing Boats Co., Inc., 1055 East 27th St., Hialeah, Florida.

STRIKER 25'

24'10"x8'9"x2'. Engine makes are Chrysler, Gray, Nordberg, etc.; 95 to 155 HP; top speed is 30 mph.; cruising speed 20 mph. Twin screws; fuel capacity of 80 gals.; cruising range of 20 hours. Sleeping accommodations for 2 or 4, cooking facilities and one head. All welded steel construction; box keel design; hull and superstructure zinc metalized, and vinyl plastic coated. Other features are flush deck, fly-bridge arrangement, no engine box. The headroom in the cabin is 7'; walk around decks. Price, $5,350 including 95 HP engine with 1.5:1 reduction gear.

MFR., Sport Fishing Boats Co., Inc., 1055 East 27th St., Hialeah, Fla.

SUMNER BOAT CO.

ADVENTURER

23'x8'x2'. Sleeps 2 in 6'5" forward bunks. Galley and head are aft of bunks. Full length keel with bronze skeg propeller protection. Standard worm gear steering with chrome-plated or mahogany-spoked marine wheel. Split windshield. Safety equipped with styrofoam lifetime buoyancy material. Priced from $4,790.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

23' HARD TOP SKIFF

23'4"x8'x1'8". Nordberg 85 HP engine. Fuel capacity is 46 gallons. Sleeps 2, has "Compoglas" hull of fiberglass and wood lamination. Safety equipped with styrofoam lifetime buoyancy material. Features hard top shelter cabin with full headroom, two berths, toilet, fish wells, mahogany trim mahogany cockpit deck. Price, $4,950 includes anchor, mooring and anchor lines, fire extinguisher and foam rubber berths.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

23' CABIN CRUISER

23'4"x8'x1'8". Fuel capacity, 46 gallons. Has cooking facilities and sleeping accommodations for 2. "Compoglas" hull is of fiberglass and wood lamination. Safety equipped with styrofoam lifetime buoyancy material. Features full cabin headroom, enclosed toilet, stove, sink, icebox, foam rubber berths. Price includes mahogany cockpit, mahogany cabin sides, trim and watertight bulkheads. Price, $5,450.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

23' NAVY TOP SKIFF

23'4"x8'x1'8". Nordberg 85 HP engine. Fuel capacity of 46 gallons. Sleeps 2. "Compoglas" hull of fiberglass and wood lamination. Safety equipped with styrofoam lifetime buoyancy material. Features full headroom shelter cabin, two berths, toilet, fish wells, mahogany trim cabin sides, mahogany cockpit deck. Price, $4,350 includes anchor, mooring and anchor lines, fire extinguisher and foam rubber berths.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

26' CRUISER

25'11"x9'2"x2'5". Equipped with 95 HP Nordberg engine. Fuel capacity is 50 gallons. Cooking facilities and sleeping accommodations for 4. "Compoglas" hull is fiberglass and wood laminated. Safety equipped with styrofoam lifetime buoyancy material. Features full headroom cabin, dinette, galley, ice box, enclosed toilet and foam rubber berths. Price, $6,990, includes mahogany cockpit deck and cabin sides, self-bailing cockpit and watertight bulkheads.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

28' COMMANDO II

28'x9'4"x2'5". Sleeps 4 with 6'3" headroom. Galley with large ice chest and enclosed stand-up head. Safety equipped with styrofoam lifetime buoyancy material. 2 watertight bulkheads, 2 flotation compartments, self-bailing teak cockpit, forward hatch, walk-around deck with grab rails.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

CRUSADER II

28'x9'4"x2'5". Sleeps 4 in two 6'5" berths forward. Dinette converts to double berths. Enclosed stand-up head, galley with large ice chest loaded from cockpit, 2 flotation compartments and 2 watertight bulkheads. Safety equipped with styrofoam lifetime buoyancy material. "Compoglas" hull is guaranteed leakproof, crashproof and non-sinking. Cab-

in headroom 6'3". Priced from $7,490, including flush cockpit with teak deck, walk-around deck with grab rails, forward hatch, ventilating side windows and windshield. Also available with shelter cabin.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

EL PRESIDENTE

33'x11'2"x2'6". Powered with twin 130 HP Nordbergs with speeds to 25 mph. Sleeps 6 with dinette converting to double bed; lounge converting to upper and lower berths. Forward stateroom provides 2 berths. Boat has walk-around deck with grab rails, flush teak cockpit, ventilating screened side windows, ventilating windshield, insulated cabin top and shelter cabin, 2 watertight bulkheads, stainless steel galley with formica top, insulated ice chest loaded from cockpit, forward hatch, enclosed standup tiled head. Hull is safety equipped with styrofoam-lifetime buoyancy material. Cabin headroom 6'4". Boat weighs 11,800 lbs. Priced from $19,500.

MFR., Sumner Boat Co., Amityville, L. I., N. Y.

TOLLYCROFT CORP.

INBOARD CRUISER

21' Vacation cruiser is powered by a Universal 100 hp Explorer—Six marine engine, and can attain speeds of 30 mph.

MFR., Tollycroft Corp., 1st & Lincoln St., Longview, Wash.

TROJAN BOAT CO.

SKI BEE-15

15' inboard runabout can take either standard 40 HP or vertical 80 HP engine. Has upholstery, white-seamed decks, panoramic windshield and automotive type instrument panels and controls.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

SKI BEE-18

Inboard runabout is available with 109 HP, 150 HP or 215 HP. Features complete equipment, white-seamed mahogany decks, upholstery, swept-back windshield and choice of either varnished or colored hull.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

SEA BREEZE-19

19' day cruiser features raised deck design, flaring bow, 2 full length berths and concealed toilet. Convertible canvas top, side and back curtains and wrap-around windshield. Inboard engine options include 72 HP 4 cylinder, 109 HP 6 cylinder, and 150 HP, V-8. Can also be used with twin outboards of any size.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

SEA BREEZE-27

27' inboard cruiser has power options of twin 109 HP, twin 150 HP or twin 215 HP engines. Propeller shafts pass through Goodrich Cutless bearings mounted in V-struts to reduce noise level. Boat is acoustically engineered throughout. Features include sleeping berths for 4, private toilet compartment and large galley. Cruiser has solid teak decks, double-planked mahogany bottom and rabbeted white oak stem.

MFR., Trojan Boat Co., Greenfield Rd., Lancaster, Pa.

WHEELER YACHT CO.

1958 WHEELERS

38' Sports Cruiser with 2 Chrysler Crowns and monel tanks. 42' Sedan with dual control powered with 2 GM 4-71 motors. 42' Express Cruiser powered with 2 250 HP Chrysler engines. 61' Promenade Deck Yacht with GM diesels and cruising speed of over 16 knots. 53' Promenade Deck Yacht with GM diesels. 53' Promenade Deck Yacht fishing powered by 2 GM 6-71 diesel engines. 61' Promenade Deck Yacht with 2 6-110 GM diesels. Speed of over 16 knots.

MFR., Wheeler Yacht Co., Inc., Clason Point, New York 72, N. Y.

WOODCLEFT MARINE BASE

SEA CHASER

Baltic sportfisherman from the Yards of Ab Telfa of Gothenburg, which features high freeboard and maximum comfort for overnighting. Two berths and head forward. Keel assembly and frames white oak, decks laid Oregon pine, 5/8" mahogany lapstrake planking copper rivet fastened with bunged heads. Cabin top of three layers fiberglass reinforced plastic. Dimensions; 24'6"x8'1"x2'2". Available with twin Volvo Penta engines with reverse and 2:1 reduction gear for $6803, or with single engine, $5112. Speeds to 20 mph with single installation, to 30 mph with twins. Also available is the 22' "Sea Flyer" with single Volvo Penta for $3826.

DIST., Woodcleft Marine Base, Inc., 37 Richmond St., Freeport, L. I., N. Y.

SEA ROAMER

Scandinavian workmanship is featured in this boat from the yards of Ab Telfa of Gothenburg, Sweden. 24'4"x8'1"x2'2". Constructed with white oak keel assembly, white oak frames and 5/8" mahogany lapstrake planking, fastened with copper rivets, heads bunged. Decks are laid Oregon pine, cabin top is three layers fiberglass reinforced plastic. All trim of mahogany. Two berths, sink, head, galley. Available with single or twin 85 HP Volvo Penta gasoline engines with reverse and 2:1 reduction gear. Speeds to 30 mph with dual engines, to 20 mph with single. Prices, $7542, dual, $5852, single.

DIST., Woodcleft Marine Base, Inc., 37 Richmond St., Freeport, L. I., N. Y.

ZOBEL'S SEA SKIFF & YACHT WORKS

21' SKIFF

Powered by Chrysler or Gray Marine engines of 100 HP. 32 gallon monel tank, monel propeller shaft, head, pilot seat, ventilating windshield are featured. Solid mahogany planking. Pirce, $3,525.

MFR., Zobel's Sea Skiff and Yacht Works, 700 Ocean Ave., Sea Bright, N. J.

23' SKIFF

Powered by 125 HP Chrysler Crown marine engine. 52 gallon monel gas tank, monel propeller shaft, head, 2 berths, pilot seat, full headroom aft of windshield. Available with folding canvas top or semi-enclosed hard top, also complete galley units consisting of fresh water tank, basin, pump and refrigerator. Price, $4,775.

MFR., Zobel's Sea Skiff and Yacht Works, 700 Ocean Ave., Sea Bright, N. J.

26' SPORT CRUISER

Boat has two 6'6" berths, hydraulic engine controls, galley unit, head, 96 gallon monel gas tanks, monel propeller shaft, self-bailing cockpit. Powered by Chrysler Crown marine engine with reduction gear. Price, $7,450.

MFR., Zobel's Sea Skiff and Yacht Works, 700 Ocean Ave., Sea Bright, N. J.

NEW ANNOUNCEMENTS

ALBRIGHT BOAT & MARINE

RIVIERA CRUISER

16'6" overall length, powered by 70 HP Graymarine engine. Clipper hull design in African and Philippine Mahogany. Equipment includes full instrument panel, all controls, steering, panoramic windshield, battery, propeller, gas tank, rub rail, keel, and trim molding. Chrome bow handle, lift rings, chocks, cleats, clam shell vents and transom vent. Price, $2,480.

MFR., Albright Boat & Marine Co., 520 Penman St., Charlotte 3, N.C.

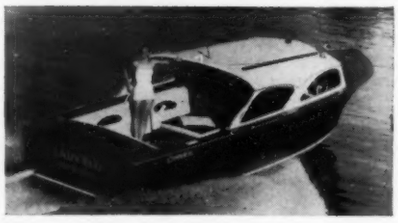
CHAMPION BOATS

CUTLASS

16'x71"x32". Weight, 480 lbs. Marine plywood construction with mahogany keel and battens, completely fiberglassed. Designed for use in smooth or choppy waters. Will take any power, marine or automotive, from 60 HP to 250 HP.

MFR., Champion Boats, P. O. Box 9038, Long Beach 10, Calif.

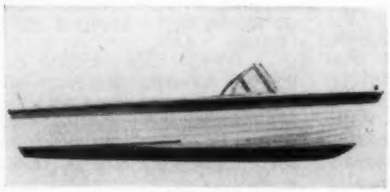
COMMODORE BOATS



WEEKENDER

22'8"x8'1"x48" depth amidships x7'3½" transom width. Built of Philippine and African mahogany, brass, bronze and copper fastened. Two 6'2" berths, toilet and stowage space. Power option 110-215 HP. Full instrument panel, many extras. Weighs 2,300 lbs. Speeds from 20 to 32 mph.

MFR., Commodore Boats, New Bern, N. C.



VAGABOND

Identical to "Weekender" except that the "Vagabond" has a folding canopy top, side curtains, fish boxes, and is 350 lbs. lighter.

MFR., Commodore Boats, New Bern, N. C.

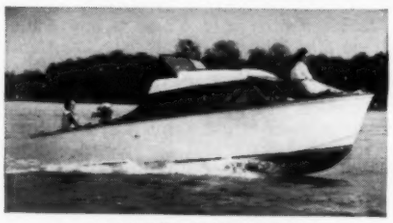
HAMPTONS SHIPYARDS

COLUMBIA HARDTOP

27' overall with 10'6" cockpit. Built of ⅞" cedar and mahogany planks on oak frames and fastened with brass or bronze. Interior accommodations include two forepeak berths, galley, ice box, toilet, locker space, and drawers. Electric horn and bilge pump are standard equipment. Powered with a 125 HP Chrysler Crown with a speed of 22 mph.

MFR., The Hamptons Shipyards, Inc., Carter Lane, Box 737, East Quogue, N. Y.

HENRY HARVEY & SON



CABIN CRUISER

21' overall length with freeboard of 44". Headroom in cabin 5'11", sleeps three; head, galley, ice box, instrument panel, steering, running lights are standard equipment. Powered by 70-HP Gray Marine with Walters V-Drive. Weight approx. 2,400 lbs. Price, $3,945.

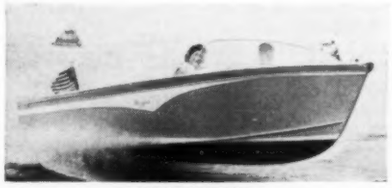
MFR., Henry Harvey & Son, 8000 Stansbury Rd., Baltimore 22, Md.

HIGGINS, INC.

17' INBOARD STARFISHER

16'11½"x77¼" inboard boat available in choice of two 4-cycle engines, 70 HP Gray, giving 30 mph, or 85 HP Gray, giving 33 mph. Boat has forward and stern seats with backs, complete instument panel, ventilating wraparound windshield, and is floored throughout. Prices: Deluxe, 70 HP, $2,250; deluxe, 85 HP, $2,395, and Custom, 85 HP, $2,775.

MFR., Higgins, Inc., Box 8001, New Orleans 22, La.



MAGNUM

17'7"x6'7¾" boat seats six, is available with engine selections of 125 HP Chrysler and 185 or 215 HP Dearborn Interceptor. It can attain speeds to 45 mph. Standard equipment includes seat and engine box cushions, instrument panel, bilge pump and vinyl-covered floor. Prices: 125 HP, $3,995; 185 HP, $4,495, and 215 HP, $4,695.

MFR., Higgins, Inc., Box 8001, New Orleans 22, La.

23' EXPRESS CRUISER

23'x8'8½" boat sleeps 3, has head, dinette seating 4, complete galley and flush deck in cockpit. Available in deluxe models with single 95 HP, giving 25 mph; single 125 HP, giving 28 mph, and twin 70 HP, giving 29 mph; also custom model with single 225 with hydraulic controls, giving 36 mph, and twin 70 HP, giving 29 mph (all speeds approximate). Prices: deluxe, 95 HP single, $4,995; deluxe 125 HP single, $5,295; deluxe 70 HP twin, $6,495; custom 125 HP single, $5,895; custom 225 HP single, $6,595 and custom 70 HP twin, $6,995.

MFR., Higgins, Inc., Box 8001, New Orleans 22, La.

26' EXPRESS SEDAN

26'1½"x10'3½" boat sleeps 4, has head, complete galley and dinette, and flush deck in cockpit, protective skeg and deluxe hardware and trim. Deluxe model available with single 125 HP giving 25 mph, twin 125 HP giving 33 mph, and custom model with single 225 HP giving 34 mph, and twin 125 HP giving 33 mph (all speeds approximate). Prices: deluxe 125 HP single, $7,195; deluxe 125 HP twin, $8,995; custom 225 HP single, $8,445 and custom 125 HP twin, $9,750.

MFR., Higgins, Inc., Box 8001, New Orleans 22, La.

FOREST E. JOHNSON

PROWLER CRUISER

28'x10' beam, trunk cabin cruiser powered by two 300-HP Cadillac engines, speed 55 MPH. Accommodations include two berths, enclosed head, and galley. Dinette in cockpit and built-in fish box aft. Other boats from 20' to 30'.

MFR., Forest E. Johnson Boat Works, 325 N.W. So. River Drive, Miami 36, Fla.

SEA SKIFF DIV., CHRIS-CRAFT

22' SEA SKIFF RANGER

22'x8' 1¾"x24½", sleeps 2. Equipped with Chris-Craft gas engine of 95 to 105 hp, with top speed of 27 to 30 mph. Fuel capacity, 50 gallons. Hull is round bilge, lapstrake. Features include twin walk-through front seats, paneled cockpit with built-in stern seat. Price, from $5,160.

MFR., Sea Skiff Division, Chris-Craft Corp., Pompano Beach, Fla.

26' SEA SKIFF FISHERMAN

25' 11"x9'x26". Has Chris-Craft gas engines, available with 130 to 210 hp, to deliver top speeds of 23 to 31 mph. Fuel capacity, 60 gallons. Sleeps 2, has head, flying bridge controls and galley. Price, from $8,680.

MFR., Sea Skiff Division, Chris-Craft Corp., Pompano Beach, Fla.

26' SEA SKIFF TRUNK CABIN

25'11"x9'x26", has twin or single Chris-Craft gas engines in 130 to 210 hp, with Fuel capacity 60 gallons. Sleeps 2, has flying bridge controls, galley and head. Round bottom, lap strake. Price, from $8,270.

MFR., Sea Skiff Division, Chris-Craft Corp., Pompano Beach, Fla.

35' SEA SKIFF SEMI-ENCLOSED CRUISER

34'11¼"x11'x25", sleeps 4 or 6. Chris-Craft gas engines, available with 190 to 450 hp, giving top speeds of 22 to 36 mph. Fuel capacity, 135 gallons. Galley and head. Price, from $14,300. Can be equipped with flying bridge.

MFR., Sea Skiff Division, Chris-Craft Corp., Pompano Beach, Fla.

AB TELFA

KING'S CRUISER
First class European workmanship is featured in these Swedish cruising-racing sloops from the drawing board of Tord Sunden and built in the yards of Ab Telfa in Gothenburg. Dimensions are 28'4"x 20'10"x7'3"x3'11" sail area is 300 sq. ft. Keel assembly, stem are of white oak; frames are steam bent white oak or ash. Planking is African mahogany with glued seams, deck beams are Scandinavian pine, decking marine plywood. All trim is African mahogany, mast and spars Scandinavian spruce. Features comfortable accommodations for 4 on airfoam. Equipment includes Dacron sails, stainless steel rigging, roller reefing, stainless steel galley and American marine head. Cockpit is self bailing, planks are copper-rivet fastened. Fully found with china, glassware and silver service. She is powered by a 5.5 Volvo Penta water cooled engine with reverse gear, and cruises at 6 to 7 mph. Hull painted or varnished to buyers order. Approximate price, $7500.

DIST., George B. Walton, Swedish Boating, Inc., Georgetown, Md. In Florida Area: Everson & Johnston, 3361 S.W. 3 Ave., Miami, Fla., and Fred J. Driver Associates, 2575 S. Bayshore Drive, Miami 33, Fla.

ALCORT, INC.

STANDARD SAILFISH
11'7½"x31½" centerboard catboat. Sail area 65 sq.ft. Sail materials, cotton, nylon. Weight of hull, 82 lbs. Finished in light gray with contrasting stripe. Carrying capacity 300 lbs. Price kit, $168 including deck, bottom, stem block, inner keel and deck beams all precut and ready for assembly. Frames, daggerboard, trunk and mast block are complete sub-assemblies. Rudder, daggerboard, curved sides, guard rails, tiller, etc., are preshaped. Sail is included. Mast and spars are shaped and ready for final sanding. All necessary hardware is supplied. Paint kit with paints and varnish in proper proportions is optional at slight extra cost. Boat, $289.

MFR., Alcort, Inc., Box 1345, Waterbury, Conn.

SUNFISH
13'x3'11½"x7½" centerboard catboat. sail area 75 sq. ft. Sail material cotton, nylon. Marine plywood and Philippine mahogany. Finished in light green, light blue, light gray or bright red. Weight of hull is 135 lbs. and carrying capacity is 460 lbs. Mast and spars are Sitka spruce finished with spar varnish, with no standing rigging. Price, kit $248 including deck, bottom, stem block, inner keel and deck beams are precut. Frames, daggerboard trunk and mast block are complete sub-assemblies. Rudder, daggerboard, sides, coaming, tiller, etc., are preshaped. Sail is included as standard equipment, tailored from preshrunk white cotton. Hardware and fittings are supplied with each kit. Finishing kit, with paints and varnishes in proper proportions is available at slight extra cost. Boat, $383.

MFR., Alcort, Inc., Box 1345, Waterbury, Conn.

SUPER SAILFISH
13'x35½"x7" centerboard catboat. Sail area 75 sq. ft. Weight of hull 98 lbs. Sail material cotton, nylon. Price, kit $197 including deck, bottom, stem block, inner keel and deck beams, all pre-cut and ready for assembly. Frames, daggerboard trunk and mast block are complete sub-assemblies. Rudder, daggerboard, curved sides, guard rails, tiller, etc., are pre-shaped. Sail is included. Mast and spars are shaped and ready for final sanding. All necessary hardware is supplied. Paint kit, with paints and varnish in proper proportions, is optional at slight extra cost. Boat, $324 complete.

MFR., Alcort, Inc., Box 1345, Waterbury, Conn.

AMERICAN BOATBUILDING CORP.

BB SAILER
8'3"x6'9"x48"x23" one piece Fiberglas centerboard catboat. Can use outboard motor up to 3½ HP. Colors molded in deck and outside of hull. Fully enclosed centerboard box. Styrofoam flotation under seats. Has 2 brass rowlock sockets, 2 grommets in stern for tying up, one in bow for towing, stainless steel outboard motor protection plate. Mast and boom of streamlined hollow aluminum. Mast is grooved to accommodate sail luff; no sail track or hoops required, stays are not required. Price, $369.95 including spars, rigging, brass rowlocks. Accessories: red or white cotton sail, $29; white dacron sail, $54; 6' oars, $8.75 per pair; lifting rings installed, $9.90 per pair; towing ring installed, $4.85; drain plug installed, $7.15; gunwale guard installed, $26.25; 2 piece mast, $15 extra.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, R. I.

BB GULL
10'3"x8'6"x53"x26" one piece Fiberglas centerboard catboat. Sail area 40 sq. ft. Can also handle outboard motors up to 5 HP. Colors molded in deck and outside of hull. Fully enclosed centerboard box. Styrofoam flotation under seats. Has 2 brass rowlock sockets, 2 grommets in stern for tying up, one in bow for towing. Stainless steel outboard motor protection plate. Mast and boom are streamlined hollow aluminum, mast grooved to accommodate sail luff; no sail track or hoops required, stays not required. Mast is available in 2 sections for easy stowage. Price, $459.95 including spars, rigging, brass rowlocks. Accessories: red or white cotton sail, $33; dacron sail, $64; 6½' oars, $9.50 per pair; lifting rings installed. $9.90 per pair; towing ring installed, $4.85; drain plug installed, $7.15; gunwale guard installed, $31.25; 2 piece mast, $15.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, R. I.

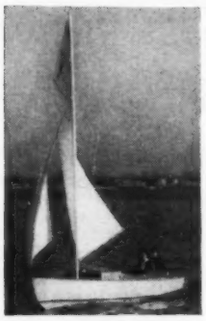
"TECH" DINGY
12'6"x11'x5'x36" one piece Fiberglas centerboard catboat; jib is available for sloop rig. Hull has molded in colors, air tanks fore and aft. Completely enclosed centerboard box. Mast and boom of streamlined hollow aluminum. Mast grooved to accommodate sail luff, no sail track or hoops required. Adjustable stainless steel side stays and fore stay. Price, $774.95 including spars, rigging, mooring cleat. Accessories: white cotton sail, $54; red cotton sail, $63; dacron sail, $124; cotton storm sail, $35; sloop rig with cotton jib, $36; same with dacron jib, $48; outboard bracket installed, $15.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, R. I.

BB SWAN
12'8"x11'x6'4"x36" one piece Fiberglas centerboard catboat. Sail area 90 sq. ft. Can also handle an outboard motor up to 5 HP. Colors of deck and outside hull molded in. Fully enclosed centerboard box. Styrofoam flotation. Mahogany plywood floorboard. Choice of shoal or deep draft rudder. Mast and boom streamlined hollow aluminum, and grooved to accommodate edge of sail. No sail track on hoops and no stays required. List price, $849.-95 including spars, rigging, bow chock, and mooring cleat. Accessories: white cotton sail, $67; red cotton sail, $79; dacron sail, $138; outboard bracket, $15; stern cleats installed, $9 per pair; oarlocks installed, $7.50 per pair; 8' oars, $11.70; khaki cockpit cover, $48.

MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, R. I.

BB FALCON
A new 16' open, day sailer ideal for racing and junior sailing activities. Fiberglass hull, aluminum mast and boom. Centerboard. 15'7"x69"x8" draft. 425 lbs.; sail area 122 sq. ft. Price (less sails) $995.95; cotton main & jib $150; Dacron main & jib $195.



MFR., American Boatbuilding Corp., Beetle Boat Div., East Greenwich, R. I.

THE ANCHORAGE, INC.

DYERESIN DHOW MIDGET
7'9"x4' centerboard catboat. 30 sq. ft. sail area of red cotton; patented Dhow hull of reinforced fiberglas and polyester resin. No standard rigging, spruce spars will fit within the boat. Included in the $390 price tag are artificial flotation, ship-mate gunwale guard, oars, bronze rowlocks, painter, complete sailing rig with colored sail, daggerboard stowed under seat, and varnished mahogany trim. Extra: translucent bottom for carrying over skylight or hatch, $40.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

DYERESIN DHOW
9'x4'5". Available with centerboard. Sail area 45 sq. ft. Colored cotton sail material. Patented Dhow hull built of reinforced fiberglas and polyester resin having exceptional towing and carrying qualities and lightweight. Sitka spruce spars, stainless steel stays, mast scarfed to stow within hull. Price, $450 standard, $550 deluxe. Includes bronze rowlocks, 2 sets rowlock sockets, painter, complete sailing rig, including sail in color. Deluxe model also includes chromed hardware and varnished trim, floor gratings, oars, shipmate gunwale guard and lifting rings. Artificial flotation. Bilge drain $6, towing rig $7, boat cover $35, sail bag $3, shipping crate $15, translucent bottom for carrying over hatch, $50.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

CLASS D DYERESIN DINK
10'x4'3". Centerboard. Sail area 66 sq. ft. Built of reinforced

fiberglas and polyester resin. All woodwork varnished mahogany, established racing dinghy class and also used for tender service. All spars of varnished sitka spruce, mast two piece to fit within hull, stainless steel rigging with adjustable shrouds, outhauls, etc. Price, $675 less sail. Price includes oars, oarlocks, fender guard, painter, rudder, tiller, floor gratings, etc. Artificial flotation. Sails run $75 to $125, crating $15.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

12' INTERNATIONAL

12'x56". Centerboard 4'. Sail area 72 sq. ft. Reinforced fiberglas and polyester resin, pigmented color for minimum maintenance. Aluminum spars, stainless steel rigging, Hifield adjusting levers. Price, $750 less sail. Price includes spars, rigging, centerboard, rudder, tiller and artificial flotation. Sails, $85 to $135.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

SOJOURNER CLASS

32'10" x 29'4" x 10'3" x 4'6". Sail area 499 to 713 sq. ft. Built of fiberglas and color pigmented, polyester resin including hull, cabin decks, and cockpit sole. Mast (hollow) boom and jib boom, sitka spruce; standard rigging, stainless steel; running rigging, nylon, dacron, or linen. Sleeping accommodations for 4 to 6 people. Has 6'2" to 6'9" headroom. Has cooking facilities and one head. Price, $25,000 and up.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

BALCO YACHT CO.

35 SEA PRINCESS

24'11"x8'5"x3'3" motor sailer has hull of seamless molded fiberglass. Sleeps 6, and features pullman dinette, galley, stainless steel sink, stove, ice box, storage space and self-bailing cockpit. Power is optional, can be used with motors to 60 HP. Boat has 255 sq. ft. of sail area. Also available as auxiliary sail boat with 375 sq. ft. of sail area.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

AUXILIARY CUTTER

Boat has 374 sq. ft. of sail area, and solid mahogany planked hull. Berths 3 or 4, and may be used with motors to 60 HP. With inboard rudder, dimensions are 34' LOA x 24'4" LWL x 8'6"x4'6". With outboard rudder, dimensions are 29'6" LOA x 21'10" LWL x 8'6"x4'6".

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

RHODES YAWL

47' LOA x 34' LWL x 11'3"x 6'3", yawl has solid planked mahogany hull, sleeps 6 and can be used with motors to 40 HP. Sail area is 1150 sq. ft. Also available in cutter model, with 1026 sq. ft. of sail area.

MFR., Balco Yacht Co., 18 Stansbury Rd., Dundalk 22, Md.

BERKELEY MODELS, INC.

SINBAD

7'10"x30". Weighs 62 lbs. Maximum length of boom and mast, 8'. Hull built up from ¼" plywood of water tight construction. Mahogany used for hand rails and rubbing strips. Mast and boom are of spruce. Cotton sail. Supplied as kit and ready built. Completed boat, painted, with sails, $149.50. The kit is separated into 2 sections: the hull section, complete with fastenings and adhesive (for those who want to use it as an aqua-plane or surfboard only), price, $49.95. The Sail and Hardware kit (includes the boom, mast, rudder, sail and hardware), price $39.95.

MFR., Berkeley Models, Inc., 25 Hempstead Gardens Drive, West Hempstead, N. Y.

CRUISING CATAMARANS

TROPIC REEF

This 20' cruising catamaran has an 11' beam, and a draft of 1'. Sail area 252 sq. ft. Below deck forward on the starboard side is a three quarter bunk. Large hinge hatch directly above bunk. Aft of the starboard stateroom is space for a galley with a shelf. Both companionways lead to the quarter deck with 6'x10'6" space. Deck has a bulwark around it which is conveniently arranged with scuppers to drain off rain water. After end of quarter deck has three compartments; middle a well for the outboard engine, other two reach down into the pontoon affording storage space for life preservers, dock line, spare gear, etc. Fiberglassed on the bottom. The hulls are symmetrical and hard bilged. Steering arrangement consists of double rudders with very long open tillers connected by a bar well back from the helmsman to steer from either side of the vessel. Tests under power using a 15 HP outboard engine with no wind or sea showed 12 mph. She has done 12 mph under sail. Price is $2447. Price for all the materials necessary to build this boat, plus a set of detailed plans and the bill of materials, with sails made up and ready to bend on, $1223.50. Plans for the boat sufficient for the experienced boat builder are $50; complete detailed plans including bill of materials is $150.

MFR., Cruising Catamarans, 2068 N. Bay Road, Miami Beach, Fla.

GREAT REEF

26' cruising catamaran resembles Tropic Reef except that length is expanded 26'. Has more locker and galley space, more space in the head, more space in sleeping quarters, enlarged quarterdeck. Will carry 8 adults for day sailing. At extra expense two extra cabins can be let into the pontoons from the quarterdeck for two pipe berths making sleeping accommodations for 4 below deck in separate berths. Boat will sleep 6 by doubling up in forward cabins which have ¾ berths. Cost is $3447 for the bare boat with sails and rigging. Can use 15 HP outboard engine. Has a 35' mast, and sails are made of vivitex canvas. Choice of red and white, blue and white, yellow gold and white. Complete detailed plans plus bill of materials, $150. Plans sufficient for experienced boat builder, $50.

MFR., Cruising Catamarans, 2068 N. Bay Road, Miami Beach, Fla.

BLUE WATER

35' cruising catamaran is the fastest of this line. Has a 14' beam, and a deckhouse with 6' head room. Enclosed head with the usual facilities and a galley on the starboard side. Port side has the cabin with 6' head room, with 2 settees and ample lounging space. In the pontoons are 2 pipe berths forward, with 5' head room. Canvas is of vivatex or indantone; may be had in red, blue, green or yellow. Has cockpit and engine space in each pontoon. Has a broad main deck, is sloop-rigged, has a permanent backstay, stainless-steel rigging, stub bowsprit. Has balanced rudders, steers with a tiller which will be provided with a rack and pins for self steering. Complete boat including sails and with two 4 cylinder engines installed, $8950. All material necessary to construct Blue Water, including engines, crated for shipment by rail, truck or steamship FOB Miami, to be paid by purchaser, sails completely made up, $4475.

MFR., Cruising Catamarans, 2068 N. Bay Road, Miami Beach, Fla.

OCEAN GO-ER

This 45' cruising catamaran has a deckhouse with shower-bath, toilet accommodations, lavatory, galley and lounge. It also has a fireplace in the lounge. There are also 2 bunks in lounge, quarterdeck is surrounded by a substantial bulwark. The 2 bunks in deckhouse can be used as settees. There are 4 pipe berths below in separate cabins with toilet facilities and lavatory on each pontoon. Alternately a ketch rig, yawl, or cutter. The draft is about 3' loaded. Steers with a wheel and has balanced rudders. All of the rig is inboard. The two engine rooms are below deck and bulkheaded from from the rest of the boat and entered from the deck. Bottom is completely fiberglassed. Price including engines is $14,950 FOB Miami. All the materials furnished except engines with complete detailed plans and sails made up for $7,475. Plans sufficient for an experienced boat builder, $50; or complete detailed plans with bill of materials for $150.

MFR., Cruising Catamarans, 2068 N. Bay Road, Miami Beach, Fla.

SAILING PALACE

This 55' cruising catamaran is a motor sailer. It has 23' beam, is powered with two small diesel engines. Lounge is air-conditioned. Facilities include shower-bath and tub in a tiled bathroom; crew's quarters, which are the pontoon forward, are entirely separated from the rest of the vessel. Main deck and afterdeck belong to owner and his party. Price of vessel, including two small diesel engines installed FOB Miami is $37,000. Without engines, $32,000. Material necessary to build this boat, complete with set of detailed plans and sails made up (without engines), $16,000.

MFR., Cruising Catamarans, 2068 N. Bay Road, Miami Beach, Fla.

GULF STREAM 25

In response to the demand for a smaller model of the successful "Gulf Stream 30," racing-cruising sailboat, the "Gulf Stream 25" has been developed having the features of the original on a shorter waterline length. Keel assembly and frames are white oak. Planked with ¾" mahogany "Everdur" fastened. Ballasted with 1800 lbs. of lead, the sloop rigged vessel carries 301 sq. ft. of working sail. Powdered with a one cylinder 6 HP Palmer Baby Huskie gasoline engine. Price, $7,000 to $8,000 depending on equipment.

MFR., Robert E. Derecktor, Inc., 311 East Boston Post Rd., Mamaroneck, N. Y.

P. EVANSON BOAT CO.

CELEBRITY

Class sailboat. 19'9"x15'9"x6'4"x 39" (3" board up). Sail area 172 sq. ft. Sail material: Egyptian cotton. Hull: strip planked mahogany, edge fastened—fastenings naval brass, planks $^{19}/_{32}$"x$^{24}/_{32}$". Marconi-rigged, masts are hollow Swedish spruce with sail track. Boom is slotted with self-locking roller reefing gooseneck. Storage space under fore and aft decks, 4 lockers in cockpit. Detachable canvas sprayshield that acts as cuddy. Top of centerboard cannot be lowered below the keelson, and centerboard is guided back into the trunk in case of going around or striking an under water object. Removable, easily stored seats in the cockpit allow the cockpit to be used for sleeping. Price, $1,650 including sails, sailcover, sailbag, stainless steel standing rigging, stainless steel main halyard with spliced manila tail, canvas sprayshield with copper frames,

all chrome-plated or bronze fittings, roller reefing gear, woven cotton main and jib sheets, whisker pole, outboard bracket, boom crutch, mooring lines, fenders, wind pennant, marine plywood floors with moulding, side lockers.

DIST., P. Evanson Boat Co., 236 W. Johnson St., Phila., Pa.

CELEBRITY K

Model K class sailboat 19'x 15'9"x6'4"x29". Hull: strip planked mahogany—edge fastened—fastenings naval brass. Planks 19/32"x24/32", round bottom. Marconi rigged. Mast hollow Swedish spruce with sail track. Boom slotted with self-locking roller reefing of storage space under fore & aft decks plus 4 lockers in cockpit. Detachable canvas sprayshield that acts as cuddy. Fixed keel has draft of 29". Removable, easy stored seats in cockpit to be used for sleeping. Price, $1,650 including sails, sailcover, sailbag, stainless steel standing rigging, roller reefing gear, woven cotton main and jib sheets, whisker pole, outboard bracket, boom crutch, mooring lines, fenders, wind pennant, marine plywood floors with moulding, small side lockers.

DIST., P. Evanson Boat Co., 236 W. Johnson St., Phila., Pa.

FALLS CITY FIBERGLASS

MANANA

30'x19'6"x6'6"x4' cutter. Sail area 308 sq. ft., dacron sails. Hull of molded fiberglas, 2400 lbs. lead ballast, total displacement 4000 lbs. Sitka spruce spars, roller reefing, stainless rigging, swaged fittings. Sleeps 2, headroom 4 ft. Price $6300 complete without sails.

MFR., Falls City Fiberglass, 3284 Taylor Blvd., Louisville, Ky.

FOLBOT CORP.

GLIDER

15½' long 110 sq. ft. sail area, $189 prefab, to $695 factory finished.

MFR., Folbot Corp., Stark Industrial Park, Charleston, S. C.

JAMES E. GRAVES, INC.

EXPLORER

40'x30'x11'2"x3'2" centerboard up, this auxiliary ketch has proved itself to be unsinkable even when flooded with 20 tons of sea water. There are no freaks of construction as the flotation is gained by liberal use of Styrofoam in available spaces and safe, naturally buoyant design. The above photo shows the trim of the boat when flooded with a full crew aboard. The boat is planked with Philippine mahogany and decks are of Haborite plywood. Accommodations are fitted into a double cabin layout and include berths for 7 persons, dinette, galley and refrigerator, two enclosed heads, shower and liberal locker and storage space. The "Explorer" is a shoal draft centerboard model with a 7500 lb. ballast casting under the centerboard trunk for greater protection when hauling. The centerboard is raised and lowered by a geared hand winch on the side of the wheel box. It may be easily removed for inspection and cleaning through a well in the cockpit floor. Continuing the trend toward 100% safety, the "Explorer" uses only diesel power and there is no gasoline, kerosene or alcohol used aboard. Cooking is done by electricity. The electrical system is 110 volt with generous battery capacity and a 2000 watt generator. An unusual feature of this model is the amidships cockpit with the wheel and control box located there. The cockpit is 6'5" long x6'4" wide and has a removable canopy top for foul weather. There is an 8' deck space aft for carrying the dink or sunbathing. The Bermudan sail plan features an all-inboard rig with the exception of the boomkin for the permanent backstay. Masts are stepped on deck and can be removed by a simple arrangement integral to her own rigging.

MFR., James E. Graves, Inc., Yacht Yards, Marblehead, Mass.

RAY GREENE & CO.

VIXON

10' catboat, beam 54", sail area, 60 sq. ft. Fiberglass hull with seats, colors molded-in, centerboard and aluminum spars with roller reefing. Price, $579 with cotton sails, and $599 with dacron sails. Jib for light airs, $30.

MFR., Ray Greene & Co., 502 S. Byrne Rd., Toledo 9, Ohio.

NIPPER

12' catboat, 5' beam, 3' draft with centerboard down. Sail area 100 sq. ft., cotton sails. Planking and deck ¼" 3-ply U.S. Navy approved, Phenolic resin bonded plywood; stem of elm or white oak; keel of Douglas fir plywood, and frames of white oak, elm and Douglas fir. Lightweight Sitka spruce spar. Rigging is ⅛" galvanized aircraft cable with stainless steel swaged fittings, airplane turnbuckles. All running rigging ¼" line. Price, $489, including sails.

MFR., Ray Greene & Co., 502 S. Byrne Rd., Toledo 9, Ohio.

SNIPE

15'6"x5', centerboard sloop, sail area 100 sq. ft., fiberglass hull and deck with colors molded in. Available in both fresh and salt water models. Price, $1038

complete boat less sails; $575, hull and deck only.

MFR., Ray Greene & Co., 502 S. Byrne Rd., Toledo 9, O.

REBEL

16' centerboard sloop, with beam 6'6", draft 3'6"; and sail area of 166 sq. ft. Cotton or dacron sails. Fiberglass hull and deck, aluminum spars and roller reefing. Price, $1,288, less sails. $155 to $210 for dacron sails. Available accessories: hull cover, $75; stainless steel stays and saltwater turnbuckles (when ordered in place of standard), $30; outboard motor bracket, $16; fiberglass battens, $10.50; trailer, $169.50, and crating charges, if necessary, $30.

MFR., Ray Greene & Co., 502 S. Byrne Rd., Toledo 9, O.

NEW HORIZONS

Sloop is 25'3" molded fiberglass cruising auxiliary with working sail area of 324 sq. ft. and provisions for carrying additional headsails including a spinnaker. Features berths for 4 with foam rubber mattresses, galley, head, hanging locker and storage space. Centerboard is housed in the keel and fuel and water tanks are molded into the hull. Spars are aluminum, lead keel is fiberglass enclosed. Stainless steel standing rigging. Can be used with small inboard engine or outboard motor.

MFR., Ray Greene & Co., 502 S. Byrne Rd., Toledo 9, O.

R CLASS BOAT

40' sloop hull. Beam 7', draft 5', waterline length 29'. The spars and rigging are usually taken from an older boat that this hull is replacing. Price, $8500.00.

MFR., Ray Greene & Co., 508 S. Byrne Rd., Toledo 9, Ohio.

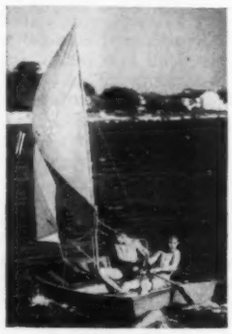
GRUMMAN BOATS

SAILING GRUMMAN

All Grumman canoes and the 15' sport boat can be adapted to sailing. Complete, the Grumman Dinghy (Rhodes Design) has a 44 sq. ft. lug sail rig. The 15' canoe has a 45 sq. ft. lateen sail rig. The 17' sq. Stern Canoe has the 65 sq. ft. reefable gunter sail.

MFR., Grumman Boats, Inc., Marathon, N. Y.

GUNDERSON CATAMARAN



GUNDERDINK

The 10'4" 98 lb. car-top GunderDink is made of marine mahogany plywood, oak keels, mahogany transom and gunwales. This craft holds four adults or six children comfortably and can be sailed, rowed or used with a small outboard. The GunderDink sells completely assembled, with 35 sq. ft. wamsutta sail, but unvarnished, for only $255.00.

MFR., Gunderson Catamaran Company, Belmar, New Jersey.

HOLIDAY YACHTS, INC.

JR. HOLIDAY

A smaller version of the Holiday, this round bottomed sloop has been chosen as a member of the Midget Ocean Racing Class, and carries 261 sq. ft. of sail. Overall length is 24'1", beam is 7'6". Features excellent accommodations, stainless steel galley and Palmer 6 HP Baby Huskie power. East coast delivery, $5,190. Another 24 footer is the Sailor, also a member of the MORC. On an overall length of 24' and a

beam of 7'7", she carries 260 sq. ft. of sail. With the addition of a self bailing cockpit, it can sleep 4 persons. Features enclosed head, outboard bracket, and is easily trailable. $3,390 east coast.

DIST., Holiday Yachts, Inc., Centerport, L. I., New York.

HOLIDAY YACHTS

Heading the line is the 30' racing-cruising sloop Holiday. With an 8' beam, the sloop carries 368 sq. ft. of sail with a displacement of 7000 lbs. Centerboard depth is 3'3". It is powered with a 25 HP Universal Atomic Four engine. Price, $9,090. The Victor is the next smaller yacht in the line and carries 300 sq. ft. of sail on a hull 28'x7'11". It is powered with a 6 HP Palmer Baby Huskie, and sells for $5,590.

DIST., Holiday Yachts, Inc., Centerport, L. I., N. Y.

38' MOTOR-SAILER

Powered with a Mercedes-Benz diesel engine which develops 85 HP and carries enough canvas to step out under sail. Also built in 24' models.

MFR., Holiday Yachts, Inc., Centerport, L. I., N. Y.

INTERNATIONAL YACHT SALES

INTERNATIONAL 25

Swedish built sloop. 25'3"x20'x 7'4"x4'5". Sail area 285 sq. ft., cotton. Sleeps 4, headroom 5'3". Galley and head. Mahogany planking, composite steel and oak frames, copper and steel rivet fastenings, steel floors. All steel warm galvanized. Swedish spruce mast stepped on deck, stainless rigging. Powered by Palmer 6 HP Baby Huskie. Price, $7,000.00 complete with engine, sails and racing gear.

DIST., International Yacht Sales, 604 Kerr Bldg., Detroit 26, Mich.

INTERNATIONAL 28

Swedish built sloop. 28'x22'1"x 8'1"x4'11". Sail area 400 sq. ft. Sleeps 4, headroom 6'1". Cooking facilities, head. Open and airy main cabin is 11'6" long. Mahogany planking with composite frames and floors. Swedish spruce mast stepped on deck, stainless rigging. Rudder outside transom. Carries Universal 25 HP Atomic Four. Price $9,900.00 complete with sails and racing gear.

DIST., International Yacht Sales, 604 Kerr Bldg., Detroit 26, Mich.

FIFTY-FIFTY 32 CURLEW CENTERBOARD AUXILIARY

European built boat. 31'x23'6"x 9'6"x3' (centerboard up), 4'6" (centerboard down). Sail area 477 sq. ft. with cutter rig, 386 sq. ft. with ketch rig. Sleeps 4, headroom 6'3". Galley and head. Mahogany planking, oak frames, canvas deck, large dog house, large self bailing cockpit. Sitka spruce masts, stainless rigging. Centerboard is entirely under the floor in order to avoid taking up space. Powered by Universal 25 HP Atomic Four. Price, $11,500.00 basic boat with all gear for daytime sailing including engine, lines, etc. Optional material, including extra sails, racing equipment, winches, tracks, poles, etc. cost about $1500.00.

DIST., International Yacht Sales, 604 Kerr Bldg., Detroit 26, Mich.

INTERNATIONAL 33

Swedish built sloop. 33'x24'x 9'2"x5'3". Sail area 592 sq. ft. Sleeps 4, headroom 6'2". Cooking facilities, head. Mahogany planking, composite frames. Swedish spruce mast stepped on trunk, stainless rigging. Carries Universal 25 HP Atomic Four. Price, $16,000.00 complete.

DIST., International Yacht Sales, 604 Kerr Bldg., Detroit 26, Mich.

OSPREY 36

European built boat. 36'x26'x 10'x5'. Sail area 511 sq. ft. with sloop rig, 566 sq. ft. with yawl rig. Cotton or nylon sails. Sleeps 4 to 6, headroom 6 ft. Galley and head. Fin keel construction with planned slight wine glass section, mahogany strip planked, oak frames. Sitka spruce mast and boom, stainless rigging. Mast stepped on trunk for more room. Price, $14,500.00 for daytime operation under power. Sails: sloop, $1050.00, and yawl, $1500.00. Racing equipment approximately $1000.00.

DIST., International Yacht Sales, 604 Kerr Bldg., Detroit 26, Mich.

GOLDEN EAGLE

New auxiliary yawl, 41'9"x 31'9"x11'8"x5'6". Designed to fit new racing rules, this yawl sleeps 6 and has large galley and enclosed head. Mahogany planked, with oak frames, bronze and copper rivet fastenings. Plywood deck is fiberglassed. Yawl has relatively shallow draft without centerboard. Engine 50 HP Universal Super Four. Price, $29,000 complete with sails and racing gear.

DIST., International Yacht Sales, 604 Kerr Bldg., Detroit 26, Mich.

JUDSON MFG. CO.

AQUA-DUCK

A small fiberglass dinghy that weighs only 35 lbs. and will take up to a 3 HP outboard. It will not sink if swamped, is designed to carry two adults, and is finished with a red deck and white hull. Price, $129.50. A detachable sailing keel and sail assembly are available with a 17½ sq. ft. Dacron sail, mahogany masts and boom, rudder and bronze hardware. A similarly designed dinghy is also available with a permanent keel at $234.95.

MFR., Judson Manufacturing Co., 7339 S.E. 35 Ave., Portland 2, Oreg.

SEA SPREY 21

21'x6'2"x3'8", displacement, 2,000 lbs. Sloop has fiberglass hull molded in single unit, including deck and keel. Sail area 225 sq. ft., with sails of dacron. Hollow spars are unilaterally woven epoxy fiberglass, with stainless rigging. Boat sleeps 2, has flotation and storage compartments, head, foam cushions. Price, $3,975. Also available is 4 HP Brigg-Stratton engine, $350.

MFR., Laby Fiberglas Products, 16028 Blythe St., Van Nuys, Calif.

McKEAN BOATS

MCKEAN CATBOAT RIGGED PRAM

Ranging in length from 7'11" to 9'11". Sail area from 36 to 48 sq. ft. Constructed of plywood on oak frame, Everdur fastened, bronze reinforcing knees. Has bronze oarlocks, removable floorboards, outboard pad. Sitka spruce spars, stainless steel and manila rigging. Price, $365 to $430.

MFR., McKean Boats, 180 E. Prospect Ave., Mamaroneck, N. Y.

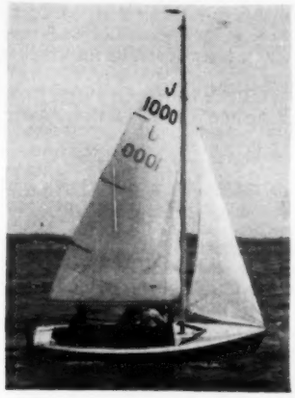
9' SAILING PRAM

8'11"x4'1"x1'5". Sail area 43 sq. ft. Weighs 80 lbs. in rowing model, 110 lbs. in sailing model. Planking of ¼" fir plywood with joints bedded in 3M sealer, oak keel and mortised oak gunwale, brass screw fastened with bronze reinforcing knees. Can carry 1½ HP outboard motor. Price, from $109.95 for the unpainted rowing model to $375 for the completed sailboat.

MFR., McKean Boats, 180 E. Prospect Ave., Mamaroneck, N. Y.

BLUE JAY

A Sparkman & Stephens designed centerboard 13½' sailboat which has become a popular class. Beam is 5'2", and 90 sq. ft. of sail area is carried in main and jib. Offered as a completed boat ready to launch, as well as in various



stages of completion. May be purchased as a knockdown building kit, a planked hull ready to deck, and an assembled boat needing only painting.

MFR., McKean Boats, 200 E. Prospect Ave., Mamaroneck, N. Y.

MOBACO MARINE

INDIAN SCOUT

12'6"x10'3"x4'8", board up 0'7", board down 2'1". Sail area 78 sq. ft. Egyptian cotton. Hull: 4-ply 5/16" thick molded marine mahogany plywood. Deck: 3/16" mahogany marine plywood. Floorboards are of mahogany marine plywood. Floors, cockpit coamings, rubrail, centerboard case, and rudder housing also mahogany. Spars: clear, straight-grained sitka spruce with tunnels for bolt ropes. Height of mast 17½'. Rigging: stainless steel shrouds and forestay, Manila halliards. Braided cotton "Pimm" sheets. Mast and boom and deck fittings of chrome plated bronze. Price, $745. Kit list price, $550 in groups of five. Includes: Egyptian cotton mainsail, jib, sheets, fairleads, shackles, blocks, sliding gooseneck, cleats, mast-head sheave, boom crutch, 2 fenders, paddle, kickup rudder blade and center board, rigging, chrome plated hardware. Kits: semi finished molded hull, component parts cut to shape, galvanized rigging, complete except paint and glue. Accessories: American dacron mainsail and jib, with battens and sailbag, $95.

DIST., Mobaco Marine, Southfield Ave., Stamford, Conn.

FLYING DUTCHMAN

19'10"x16'x5'7"x3'8". Sail area 162 sq. ft. cotton or synthetic. Molded marine mahogany hull without frames or fastenings, 250 lbs. Teak centerboard, teak kick up rudder blade. Ready to sail weight under 400 lbs. Capsized, she floats on edge and can be righted and sailed immediately. Can be towed at high speed, board up and helm lashed, can be trailered or car topped with ease. Hollow spruce spars with all internal halliards and fast winches. Stainless steel rigging. Double jib halliards for quick jib changing. Trapeze and toe straps.

All sail handling from cockpit. Price, $1,695 less sails and extras. Many accessories available.

DIST., Mobaco Marine, Southfield Ave., Stamford, Conn.

EASTWARD HO

23'5"x20'0"x8'8"x3'10". Sail area 250 sq. ft. Egyptian cotton. Frames: white oak 1⅛"x1⅜" on 9" centers. Planking: mahogany 13/16" thick of clear stock and narrow widths. Decks: Java teak in narrow strakes. Bulkheads marine type waterproof plywood, mahogany spars, clear Norway spruce mast, boom and club (hollow). Stainless steel rigging. Merriman type fittings. English nylon blocks, running rigging. Universal Atomic Four engine. 2:1 reduction gear. Carries 4 people and 2 in cockpit. Headroom 6'1" in dog house. Complete galley with full head room, ample locker and storage space. Price, $8,130. Includes engine, mainsail and jib, toilet, stainless steel sink, and basic equipment. Accessories: folding table, $45; 2 upper berths with 2 foam rubber mattresses, $155.

DIST., Mobaco Marine, Southfield Ave., Stamford, Conn.

DUTCH TREAT

25'x20'1"x7'8"x4'4". Sail area 245 sq. ft. Egyptian cotton. Self bailing cockpit. 2 bunks. Dog house with adequate lighting. ⅝" mahogany plywood over oak sawn frames, bronze fastenings. Hollow spruce spars with steel tangs and stainless steel standing and running rigging. 5 HP Kermath Sea-Pup with 2.5:1 reduction. Price, $4,875. Sun canopy with windowed side curtains, $67.

DIST., Mobaco Marine, Southfield Ave., Stamford, Conn.

GEORGE O'DAY

FIREFLY

12' long. A 1-design boat which can be carried on car tops or trailed easily. Mahogany hull.

MFR., Fairey Marine Limited of England, dist. by George D. O'Day, 9 Newbury St., Boston, Mass.

DUCKLING

Weighs 100 lbs., carries 4 or 5 people and "gear" as a tender. Can be fitted with a 1½ HP air cooled inboard motor. Used as yacht tender or children's trainer. Mahogany hull.

MFR., Fairey Marine Limited of England, dist. by George D. O'Day, 9 Newbury St., Boston, Mass.

CADET

An especially designed trainer for junior sailors, this is a class racing dinghy in miniature. Length: 10'6". Has 4 buoyancy bags for added protection of children, allowing them to right the craft themselves should it tip over. Mahogany hull.

MFR., Fairey Marine Limited of England, dist. by George D. O'Day, 9 Newbury St., Boston, Mass.

JOLLY BOAT

Has been clocked at over 16 knots speed on a sustained plane and maintains an average of 14 knots between markers on a reach in winds of 18 to 20 mph. Can be sailed by 2 persons in any breeze. Mahogany hull.

MFR., Fairey Marine Limited of England, dist. by George D. O'Day, 9 Newbury St., Boston, Mass.

RACING SAIL

The "Gannet" is a 14'x5'6" fiberglass planing sailboat from the drawing board of Uffa Fox. Weight 300 lbs., sail area 125 sq. ft. Features 1000 lbs., self-righting flotation and built in roller-reefing gear. Anodized aluminum rotating mast and boom. Price, $975 less sails. Also available are: 24' "Raven," a racing day sailer for $2,850; "Flying Dutchman," a 19'10" racing boat with 190 sq. ft. of sail area for $1,587.50 less sails; and the "Finn," a fast planing sailboat, with rotating, unstayed mast which can be rigged in 60 seconds. The "Finn" has been chosen as an Olympic class. These boats are built by Fairey Marine, and are constructed of either fiberglass or "cold moulded" plywood. They feature high quality European workmanship, easy trailability and fast performance.

DIST., George D. O'Day Associates, Inc., 9 Newbury St., Boston, Mass.

FAIREY MARINE

"Albacore," a 15' racing-family centerboard sailboat with ample bouyancy in her fiberglass impregnated moulded plywood hull. Carries 4 or 5 persons easily and handles well in light or heavy weather. Price, $935 less sails. "Duckling" is an all-around boat for sail, outboard or rowing. It will carry 4 or 5 persons also, and sells for $490 less sails. Other Class boats by this English company are the "Jolly Boat," "Firefly," "Cadet," "505," and the "International 14." All Fairey Marine boats feature low maintenance costs, expert workmanship, and good resale value. Many of these craft are available in semi-finished kit form for completion by the buyer.

DIST., George O'Day Associates, 9 Newbury St., Boston 16, Mass.

ATLANTA

Advanced design is the feature of this 26'x24'x7'6"x1'3" racing-cruising boat. Draft with centerboards down, 5'9", sail area, 270 sq. ft., displacement, 1 ton. The vessel sleeps 6 persons in two cabins and includes a large 6'6" cockpit. There is space below the cockpit floor for an inboard engine, or an outboard can be installed through a transom well. Features a small lobby aft the forward cabin with an oilskin locker to port and ample stowage space for pots and pans in the galley. The boat despite its size can be easily towed behind an automobile. It is manufactured by Fairey Marine Ltd., of England and stresses sea-going and sail-carrying ability. Price less sails and motor, $6,220.

DIST., George O'Day Associtates, Inc., 9 Newbury St., Boston 16, Mass.

W. D. SCHOCK

NAPLES SABOT

Completely fiberglass model is approved by the Sabot Association. Length overall, 7'10", beam, 46", laminated wood mast 13'3", boom, 7'3½", sail area, 38 sq. ft., weight, 86 lbs. Boat has positive buoyancy tanks. Easily converted to outboard power or rowing.

MFR., W. D. Schock, 504 29th st., Newport Beach, Calif.

LEHMAN INTER-CLUB 10

Length overall, 10'3", beam, 53", Mast, 19'1", boom, 9'8", sail area, 67 sq. ft., weight, 105 lbs. This class is used extensively for inter-collegiate and inter-club racing. Fiberglass construction.

MFR., W. D. Schock, 504 29th St., Newport Beach, Calif.

SCHOCK 22

22' sloop, completely portable, easily launched. All fiberglass construction with color impregnated. 2-foot draft, weight, 1700 lbs. Hinged mast can be raised by two persons with aid of one of the jib sheet winches. Sail area, 260 sq. ft. Takes 3.5 to 7.5 HP outboard motor. Features forepeak and chain locker, head, forward ventilating hatch, two full size bunks, two quarter-berths, complete galley.

MFR., W. D. Schock, 504 29th St., Newport Beach, Calif.

SEAMAN SEACRAFT

LIGHTNING

19'0"x6'6" centerboard sloop. Dacron sail, area 177 sq. ft. Built to the minimum weight regulations. The hull is red cedar; stainless steel rigging and turnbuckles with stainless steel. Rectangular mast of laminated spruce, also spruce T shape boom. Mast tangs and spreaders of stainless steel; sail track is also stainless steel. Price, $1,935, less sails.

MFR., Seaman Seacraft Co., Inc., Hernan Ave., Locust Valley, L. I., N. Y.

PENGUIN

11'5"x4'8" centerboard catboat. Dacron sail, area of 72 sq. ft. Hull of mahogany plywood with frames, keel and chines of red cedar. Trim of mahogany; fastenings of bronze and stainless steel. The interior is varnished. Mast and boom is spruce, and the mast is slotted for luff of sail. The rigging and mast tangs are stainless steel.

MFR., Seaman Seacraft Co., Inc., Hernan Ave., Locust Valley, L. I., N. Y.

BLUE JAY

13'6"x5'2" centerboard sloop. Dacron sail, area of 90 sq. ft. Planking of waterproof mahogany plywood with framing of cedar or spruce. Fastenings of bronze; trim, mahogany; spruce mast and boom, stainless steel rigging and hardware. Built to meet the highest standards and to the minimum weight.

MFR., Seaman Seacraft Co., Inc., Hernan Ave., Locust Valley, L. I., N. Y.

SEAMAN 30

30'6"x20'0"x8'6". Draft, 4'3". Dacron sails with area of 424 sq. ft. Deadwood, keel and framing are of white oak. Philippine mahogany, bronze screw fastened planking, with the interior and exterior trim of mahogany. This boat also features a self bailing cockpit. The mast and boom are of laminated spruce, the rigging is stainless steel and the spreaders of spruce. Sleeping accommodations for four, with one head,

plus cooking facilities and large storage areas. Price, $12,500.

MFR., Seaman Seacraft Co., Inc., Herman Ave., Locust Valley, L. I., N. Y.

SEA OTTER BOATS

CUSTOM BOATS

Custom built from specifications, to 25′. All fiberglas except masts, sails, etc.

MFR., Sea Otter Boats Co., Inc., 3265 W. Fullerton Ave., Chicago 47, Ill.

SIDDONS & SINDLE

JET 14

Hull all mahogany, 5 ply molded construction, 5/16″ thickness. Deck of ¼″ marine plywood. International 14 one-design hull. Stripped of removable gear, 150 lbs. L.o.a. 14′, beam 4′8″, draft 6″ and 4′2″. Shortened centerboard may be used for local racing in shoal waters, making draft 3′2″. Spars solid sitka spruce, fitted with ⅝″ sail track. Total length of mast, 21′. Mainsail and overlapping jib identical in measurements to those used by the Snipe class. Area 113 sq. ft. Steel plate centerboard. Thickness ¼″, 50 lbs. Edges rounded to class specifications. Slotted seat fitting over centerboard pin for easy removal of board. Operated by lightweight winch. Pivoting tiller equipped with hiking stick. Prices, complete boat, varnished hull, painted deck, ready to go, less sails, $795. Complete boat, unfinished, unpainted, and with hardware furnished loose, less sails and screws and bolts for hardware, $650. Building kit prices do not include any hardware, fittings, or wooden parts other than those assembled to the hull, as described. No. 1, bare hull, with plans, patterns, instructions, and racing number, $260. No. 3, same as No. 1 plus transom, mast step, thwart, and centerboard trunk installed, $370.

MFR., Siddons & Sindle, 31 Sindle Ave., Little Falls, N. J.

FLYING DUTCHMAN

Shallow draft, floats in 6″ of water, races in less than 3′ depth of water. Length overall 19′10″, max. beam 5′7″, wt. complete 374 lbs., wt. stripped 276 lbs., sail area 180 sq. ft., mainsail 116 sq. ft., jib 60 sq. ft., genoa 84 sq. ft., spinnaker 200 sq. ft., draft 3′8″.

MFR., Siddons & Sindle, 31 Sindle Ave., Little Falls, N. J.

WM. F. SLAYMAKER BOATS

CADET

28′7″x21′8″x8′7″x4′10″. Headroom, 6′. Bowsprit with roller chock. All equipment required by U. S. Coast Guard regulations. Two transom berths, 6′3″ long. Built in berth forward and a root type berth. Total sleeping accommodations for 4 adults. Self-bailing cockpit. Planking: Philippine mahogany, fastened everdur bronze. Spars: sitka spruce. Mainsail and jib, combined area 405 sq. ft. 25 HP Lugger model Gray 4-91 Sea Scout, direct drive. SeaClo toilet. Two burner pressure alcohol stove. Three airfoam mattresses. 35 lb. anchor. Life preservers.

MFR., William F. Slaymaker Boats, 160 Willard Ave., Newington, Conn.

A. R. TRUE, INC.

LIGHTNING

19′x6′ one design centerboard sloop. Sail area 177½ sq. ft. Cedar planking on cedar or mahogany timbers. Hollow Sitka spruce mast, stainless steel rigging.

MFR., A. R. True, Inc., 10 Morrill St., Amesbury, Mass.

ROCKET

23′x7′ centerboard sloop, sail area 260 sq. ft., 4′2″ headroom in cabin which sleeps 2 or 4 and is equipped with galley and head. New England white pine or cedar roundbottom hull, bronze screw fastened. Hollow Sitka spruce mast, stainless steel rigging. 16 HP Palmer Engine.

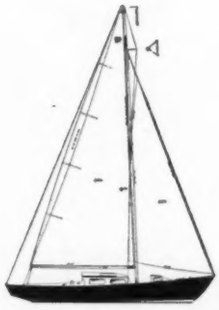
MFR., A. R. True, Inc., 10 Morrill St., Amesbury, Mass.

VAN BREEMS

FLYING DUTCHMAN

The Flying Dutchman and Flying Dutchman Jr., are light displacement, fast planing sailboats which are fast becoming popular in this country. Illustrated is the 19′10″ Flying Dutchman. The Jr. model is 13′2″ overall, and is made of "Rehalite" fiberglass. The 19 footer, which is currently available only in molded plywood, has been chosen as the two-man centerboarder for the 1960 Olympics.

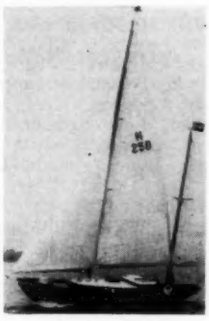
DIST., Van Breems International Corp., Muzzio's Yacht Yard, Stamford, Conn.



INTERNATIONAL 500

31′3″x23′6″x8′8″x4′8″, cruising-racing sloop with 504 sq. ft. working sail area. Built in European yards to American design by Robert Henry (Oxford 400). Hull of ⅞″ African mahogany, bronze fastened, on oak and teak frames. Ballast keel 3,800 lbs. cast iron. Deck hardware stainless steel or chromium plated bronze. Spars of Sitka or Norwegian spruce. Powered by Palmer 4-cyl. IH-60. Accommodations for four with separate bunks, private head, galley and hanging lockers. Designed to carry some weather helm under working jib, very light weather helm under genoa. Estimated CCA rating 22.9′. Priced from $14,-500.

DIST., Van Breems International Corp., Muzzio's Yacht Yard, Stamford, Conn.



ORCA KETCH

40′3″x28′7″x10′7″x5′7″. A sturdy sea-going 12 ton yacht with sleeping accommodations for eight persons. All-steel welded and riveted construction. Also available from this distributor; the "Vitesse," a 40′ fiberglass centerboard, racing-cruising yawl, the "Dutch Maid," a 30′ auxiliary sloop, and the "Cutty Hunk," a 32′ beamy centerboard motorsailer.

DIST., Van Breems International Corp., Muzzio's Yacht Yard, Stamford, Conn.

NEW ANNOUNCEMENTS

CAPE COD SHIPBUILDING CO.

MERCURY

15′ Sparkman & Stephens design. L.W.L. 13′10″, beam 5′5″, draft, centerboard down, 39″. Sail area, 119 sq. ft. Fiberglass construction. Sheer is guarded with an extruded Vinyl guard. Sold with or without sails.

MFR., Cape Cod Shipbuilding Co., Wareham, Mass.

CAPE COD BULL'S EYE

L.O.A. 15′8½″, L.W.L. 12′6¾″, beam 5′10″, draft 2′5″. Herreshoff design sloop, fiberglass construction. Bronze hardware, stainless steel rigging. Mahogany, varnished trim, aluminum spars with roller reefing gear.

MFR., Cape Cod Shipbuilding Co., Wareham, Mass.

CAPE COD RHODES 18

L.O.A. 18′, L.W.L. 16′, beam 6′3″, draft 4′ with centerboard down, sail area, 162 sq. ft. Sloop rig with overlapping jib, permanent backstay, aluminum mast, roller reefing. Also available in keel model.

MFR., Cape Cod Shipbuilding Co., Wareham, Mass.

RAVEN

L.O.A. 24′2″, L.W.L. 21′7″, beam 7′, draft 7″ with centerboard up, 5′4″ with centerboard down. Roger McAleer design, molded one-piece fiberglass hull. Color molded in hull, topsides white; deck grey; interior, grey pebble grain.

MFR., Cape Cod Shipbuilding Co., Wareham, Mass.

23′ CAPE COD MARLIN

L.O.A. 23′, L.W.L. 17′11″, beam 7′2″, draft 3′3″. Headroom 4′6″. Mast 32′. Herreshoff design sloop. Hull and deck, one piece molded fiberglass construction. Vinyl rubstreak with mahogany toe rail. Fiberglass self-bailing cockpit. Bracket on

transom for outboard motor, or takes single cylinder, water cooled inboard for auxiliary power. Has head, two water tanks, sink, pump, ice box, 2 berths with mattresses, bilge pump, lockers, lazaret, bookshelves, anchor, stove, and lights.

MFR., Cape Cod Shipbuilding Co., Wareham, Mass.

DOUGLASS & McLEOD

THISTLE

This famous class racing sloop is 17′x6′x4′6″ with centerboard down. Has 175 sq. ft. sail area. Hull is mahogany moulded plywood, with spruce mast and boom. Available in kit form in several stages of completion. Price, complete boat less sails, $1,650. Available accessories: sails, $240, and spinnaker, $90.

MFR., Douglass & McLeod, Inc., Box 311, Painesville, O.

HIGHLANDER

Sloop 20′x6′8″x4′10″ centerboard down. Has 226 sq. ft. sail area. The hull is mahogany

moulded plywood, with spruce mast and boom. The model is available in kit form in several stages of completion. Price, complete boat less sails, $2,275. Available accessories: sails, $285, and spinnaker, $100.

MFR., Douglass & McLeod, Inc., Box 311, Painesville, O.

FERRIER MARINE LTD.

MARK II SILHOUETTE

Cruising sloop 17'x12'6"x6'7"x 2'8" draft. Displ. 1,100 lbs. with 75 sq. ft. mainsail area, 45 sq. ft. jib area. Plywood planking on laminated white oak, pine, and marine plywood. Bronze and copper fastenings, stainless steel standing rigging, wire and nylon running rigging, hardware of bronze and Tufnol. Cotton sails. Accommodations, 2 berths over 6'; boat has galley space. Outboard bracket. Price $1,987, duty paid, F.O.B. Atlantic or Gulf port.

MFR., Ferrier Marine Ltd., 150 Spring St., New York 12, N. Y.

HENRY R. HINCKLEY & CO.

PILOT

35'2" l.o.a. Features sleeping accommodations for four or five, one head, redesigned galley with coal or alcohol stove, and icebox. The cockpit has also been redesigned for a larger storage area and accessibility to the engine. The general appearance of the boat has changed with the ends drawn out. Is now a masthead rig. Bronze floor timbers are incorporated throughout the hull. The gas tank is under the floor and lower than the carburetor, eliminating the possibility of carburetor leakage when the boat is not in use.

MFR., Henry R. Hinckley & Co., Southwest Harbor, Me.

INTERNATIONAL YACHT SALES

FIFTY-FIFTY 32

Completely redesigned, now available as cutter or ketch. New dimensions are 32'3"x 25'2"x10'x3'3". Headroom is 6'3", sleeps 6. This model has large galley and head, mahogany planking, oak frames, and copper rivet fastenings. Special features include dual steering with controls in cockpit and dog-house, Sitka spruce mast stepped on trunk cabin, and stainless rigging. 50 HP Universal engine. Prices, cutter, $14,500 and ketch, $15,000, complete with sails.

DIST., International Yacht Sales, 604 Kerr Bldg., Detroit 26, Mich.

MOBACO MARINE

ZEELAND YAWL

36'9" Zeeland yawl with masthead rig. Sleeps 6, has galley and ice chest, navigation table, enclosed head and sink, mahogany interior, large stowage lockers in cabin and living quarters, teak decks and cabin sole. Powered with 25 HP Graymarine engine. L.W.L., 28' 3"; beam, 9'8"; draft, 5'4"; sail

area, 623 sq. ft.

MFR., Mobaco Marine, Southfield Point, Stamford, Conn.

NORGE BOATS, INC.

NORSEMAN

Ballast keel, cast iron, approximately 3750 lbs. Keel, stem, sternpost, horn timber, floor timbers of select white oak. Frames: select steam-bent white oak 1¼"x1¼" on 7½" centers. Plankings: select Oregon pine. Teak or mahogany at extra cost. Toilet. Galley. Tinned copper gas and water tanks, each 20 gal. Complete installation Gray 4-69 16 HP 4 cyl. engine. Delivered complete with the following equipment including: four foam rubber mattresses, four life preserver approved plastic covered cushions, fire extinguishers, one built-in bilge pump, 35 lb. yachtsman type folding anchor, mainsail and loose-footed working jib of Egyptian cotton, with bags, battens, insignia and number. Genoa and spinnaker available at extra charge.

DIST., Norge Boats, Inc., 75 Rowayton Ave., Rowayton, Conn.

NORDIC FOLKBOAT

One design sloop. 25'1"x19'10"x 7'2½"x3'11". Displacement 5000 lbs. Sail area, 235 sq. ft. Ballast keel, cast iron, 2200 lbs. Keel, stem, floors, transom knee, etc., select oak. Frames, select oak or ash, steam bent. Planking, select mahogany, lapstrake construction. Fastenings, copper rivets, bronze screws. Hot dipped, galvanized keel and backbone bolts. Spars, select scandinavian spruce. Solid glued construction. Std. ⅝" sail track on mast, slotted boom. Installation of Palmer 1 cyl. 6 HP engine with reverse gear, electric starter and generator. Stainless steel alcohol stove, canvas covered airfoam mattresses.

DIST., Norge Boats, Inc., 75 Rowayton Ave., Rowayton, Conn.

ORIENTAL YACHTS INC.

"MAH JONG"

A 52' yawl, designed by Sparkman & Stevens and built by Cheoy Lee, at Hong Kong, imported by Oriental Yachts, Inc. Two Alden designed boats are currently under construction at the Cheoy Lee Shipyard.

IMPORTER, Oriental Yachts, Inc., 84 State St., Boston 9, Mass.

ROWBOATS & CANOES

ALUMINUM BOATS & CANOES, INC.

FIBERGLASS CANOE

14½' fiberglass canoe 36" wide, 12" deep, 75 lbs., with a capacity of 900 lbs. Hull in green or red, seats are white. Standard equipment includes air flotation tanks.

MFR., Aluminum Boats and Canoes, Inc., Princeville, P.O. Canada.

ALUMA-CRAFT

C-15, C-17

15'x37" canoe of aluminum construction, weight 77 lbs. Styrofoam flotation, double-riveted extruded full-length keels and all-around gunwales are featured. C-17 canoe is similar, with overall length of 17', weight 82 lbs. Price for C-15, $242; for C-17, $258.

MFR., Aluma-Craft Boat Company, 1515 Central Ave., N.E., Minneapolis, Minn.

CO-15, CO-17

Aluminum canoes for outboard motor installations not more than 3 HP. CO-15 is 15' in length, weighs 83 lbs. Underwater lines similar to normal double ender, but stern is formed to take outboard. Styrofoam flotation in end compartments. Price, $271. CO-17 is 17' in length, weighs 88 lbs. Price, $287.

MFR., Aluma-Craft Boat Company, 1515 Central Ave., N.E., Minneapolis, Minn.

AMERICAN BOATBUILDING CORP.

BB WHALE

6'x18" one piece Fiberglas boat. Outside color of hull and deck molded in. Air tanks fore and aft. Weighs 22 lbs. Recommended for small children. Price, $39.95 with double bladed paddle.

MFR., American Boatbuilding Corp., Beetle Boat Div., Greenwich Bay Shipyard, East Greenwich, R. I.

BB DUCK

8'3"x48" Fiberglas rowboat. Handles outboards up to 3½ HP. Useful as yacht tender. Styrofoam flotation under mahogany seats, hard chine construction. Price, $249.95 including large grommet in bow and 2 in stern, 2 pair brass rowlock sockets, 1 pair brass rowlocks, stainless steel outboard bracket.

MFR., American Boatbuilding Corp., Beetle Boat Div., Greenwich Bay Shipyard, East Greenwich, R. I.

BB DINGHY

9'x52" Fiberglas rowboat. Handles outboard motors up to 5 HP. Has Styrofoam flotation under seats. Round bottom. Price, $324.95 including large grommet in bow and 2 in stern, 2 pair of brass rowlock sockets, 1 pair of brass rowlocks. Stainless steel outboard motor protection plate.

MFR., American Boatbuilding Corp., Beetle Boat Div., Greenwich Bay Shipyard, East Greenwich, R. I.

BB FISHER

10'3"x53" Fiberglas rowboat. Handles outboard motors up to 5 HP. Has hard chine construction, styrofoam flotation under mahogany seats, wide bow, high freeboard. Price, $359.95 including bow and stern grommets, 2 pair brass rowlock sockets and 1 pair brass rowlocks, stainless steel outboard bracket.

MFR., American Boatbuilding Corp., Beetle Boat Div., Greenwich Bay Shipyard, East Greenwich, R. I.

THE ANCHORAGE, INC.

DYERESIN DHOW MIDGET

7'9"x4' rowboat is made of polyester fiberglas. Outboard motor with 1½ to 2 HP can be attached. The Midget is lightweight, has the patented Dhow hull. Price $265 including shipmate gunwale guard, bronze rowlocks and lifting rings, oars, and painter, artificial flotation.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

DYERESIN DHOW

9'x4'5" rowboat is constructed of polyester fiberglas, has the patented Dhow hull. 3 to 5 HP outboard motor can be attached. Price for the standard model, $297; for the deluxe, $387. Price includes bronze rowlocks, 2 sets rowlock sockets, painter. Additional features for the deluxe model: chromed hardware, varnished trim, floor gratings, shipmate gunwale guard, oars, lifting rings, and artificial flotation.

MFR., The Anchorage, Inc., 57 Miller St., Warren 2, R. I.

BEALL BOAT SHOP

16' ROWBOAT

16'x58" model. Constructed of plywood. Outboard power up to 12 HP. 28" free board at bow, oak chines, oak gunwales, weighs approximately 200 lbs. Price $152.00 including oak lock sockets, bow bolt, 2 coats marine paint, varnished rails, ⅜" sides, ½" bottom.

MFR., Beall Boat Shop, Severna Park, Box 388, Rt. 2, Md.

14' ROWBOAT

14'x56" model constructed of plywood. Outboard motor up to 10 HP can be used. 26" freeboard at bow, oak chines, oak gunwales, bow bolt, 2 coats marine paint, varnished rails, weighs approximately 165 lbs.

Price $130.00 including ⅜" sides, ½" bottom marine panels.

MFR., Beall Boat Shop, Severna Park, Box 388, Rt. 2, Md.

12' ROWBOAT

12'x54" model constructed of plywood. Outboard power up to 5 HP. Weight 122 lbs. Oak chines, oak rails, bow belt, 2 coats marine paint. Price, $115.00 including 5/16" mahogany plywood sides, ⅜" bottom.

MFR., Beall Boat Shop, Severna Park, Box 388, Rt. 2, Md.

BROADWATER BOAT CO.

DINGHY PRAM

8' long, 44" beam, 15" deep, weighs 59 lbs. Available in a kit for home assembly, or factory-assembled. Of mahogany marine plywood with brass screws, one-piece bottom, full length seat and keel rails. Kit comes with pre-drilled holes through the plywood sides and bottom for seat and keel rails. Price, $42.95. Crating extra.

MFR., Broadwater Boat Co., Shadyside, Md.

CASEY CRAFT

ALL STEEL CANOES

24' and up. These are suitable for boys' camps and freight use on shallow rivers, with either inboard or outboard power. Also all steel hydroplanes with either inboard or outboard.

MFR., Casey Craft, Box 175, Mermantau, La.

CONNECTICUT BOAT CO.

SKIMMAR HUNTER 9'

9'x53" boat can be used as dinghy or with motors as low as 3½ HP outboard. Weight, 75 lbs. Prices: $119 painted; $99, unpainted.

MFR., Connecticut Boat Co., Inc., 654 Steamboat Rd., Greenwich, Conn.

SKIMMAR HUNTER 12'

11'x54", boat can be used as dinghy or with motors as low as 3½ HP outboard. Weight, 105 lbs. Prices: $145 painted, $125 unpainted.

MFR., Connecticut Boat Co., Inc., 654 Steamboat Rd., Greenwich, Conn.

DURACRAFT BOATS, INC.

9' PRAM

A stubby version of shallow-draft, square bow fishing boat. Made of aluminum and finished in green or white enamel, weighs only 70 lbs. 47" beam. Uses up to 3.5 HP. Carries 2 passengers.

MFR., Duracraft Boats, Inc., Monticello, Ark.

FOLBOT CORP.

AUTO-TOP 12' SPORT-ABOUT

98 lbs. Price $89—prefab. to $229—factory finished.

MFR., Folbot Corp., Stark Industrial Park, Charleston, S. C.

E. GITT

MINNOW

Fiberglass paddling canoe. Weighs 35 lbs.

MFR., E. Gitt, P.O. Box 182, Springfield, Del. Co., Pa.

GRUMMAN BOATS

CANOES

Side motor bracket fits all canoes; all models are adaptable for sailing. Canoes can be obtained in seven lengths from 13' to 20', including two square stern models, at prices starting at $199.

MFR., Grumman Boats, Inc., Marathon, N. Y.

15' SPORT BOAT AND CANOE

Will support recommended size motor and normal load if accidentally swamped, and can be stored out of doors the year around. Heat treated hulls.

MFR., Grumman Boats, Inc., Marathon, N. Y.

DINGHIES

The Grumman built (Rhodes Designed) 8½ feet dinghy. Two models: the standard Rowing Dinghy, and Dinghy for sailing. Fitted with outboard motor mounts on stern to take small size motors. Length, 103½". Weight, 78 lbs.

MFR., Grumman Boats, Inc., Marathon, N. Y.

HAMPDEN WOOD PROD.

PRAM

8' and 10' plywood-built prams.

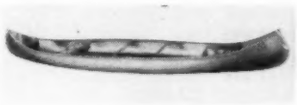
MFR., Hampden Wood Products, Inc., 155 River St., West Springfield, Mass.

ROWBOATS

12' plywood car top boat and 12' and 14' pine side rowboats with pine or plywood bottom.

MFR., Hampden Wood Products, Inc., 155 River St., West Springfield, Mass.

HARWILL, INC.



MODEL C

17'x35" aluminum canoe has plastic web seats, styrofoam flotation. Price, $249, complete.

MFR., Harwill, Inc., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

KLEPPER CO.

KLEPPER-"AERIUS" FLAGSHIP

Overall length 17'1"; beam 35"; draft 4½"; weight approx. 59 lbs. Heavy duty quintuple rubber-canvas hull, reinforcing keel strips for added protection, and air-tubes (sponsons) built within the hull to make the boat unsinkable. Klepper Folding Boat pack into three carrying bags. List Price, $261.50. Price includes all equipment for paddling use.

MFR., Klepper Co., Inc., 1472 Broadway, New York 36, N. Y.

LA PIERRE'S BOATS

BANKS DORIES

These 15', 18' or 21' rowboats are constructed of cedar and pine; outboard motor can be attached, 5 to 15 HP. Used for fishing, tenders, sports. Motor wells or inboard, skeg, and tiller if desired. Price, $375, $435, $535 including tiller, motor well, fish box, and shipping cradle.

MFR., La Pierre's Boats, 53 Congress St., Belfast, Me.

ROW BOATS

9' to 12'x48" to 52". Cedar, oak used for construction. Outboard motor can be attached at 2 to 5 HP range. Recommended for tenders, small smooth lakes. Price, $99 to $240 includes row locks, mooring hardware. Rubber guard rails added at extra cost. Plastic will be substituted for, or over, wood at regular price.

MFR., La Pierre's Boats, 53 Congress St. Belfast, Me.

LUGER IND.

VAGABOND

14'x57" rowboat. Constructed of ⅜" plywood, oak frame. Can use a 5 to 33 HP motor. Open cockpit with three seats. Price, $139.50.

MFR., Luger Industries, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

McKEAN BOATS

McKEAN PRAM

Ranging in length from 7'11" to 9'11". Constructed of plywood on oak frame. Everdur fastened, bronze reinforcing knees. Can use outboard motor up to 2 HP in the smallest model to 5 HP in the largest model. Especially useful as yacht tenders. Prices, from $190 to $250 including bronze oarlocks, removable floorboards, and outboard pad.

MFR., McKean Boats, 180 E. Prospect Ave., Mamaroneck, N. Y.

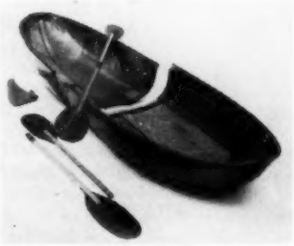
TONKA CRAFT

CORMORANT

15'x61". This rowboat is constructed of cedar strip. Can use an outboard motor from 10 to 15 HP. For fishing and rowing; has 53" transom and planing bottom, high seats, double ribbed bottom. Price, $289.

MFR., Minnetonka Boat Works, Wayzata, Minn.

GEORGE O'DAY



PIXIE

Fairey Marine Ltd., makes this lightweight craft which can be paddled or rowed. It is made up of two pieces which lock together at a rubber-sealed joint which is safe, tight and stable. The boat can be assembled in 30 seconds and easily stores in a closet or trunk. Construction is of moulded plywood.

DIST., George O'Day Associates, Inc., 9 Newbury St., Boston 16, Mass.

OLD TOWN CANOE CO.

OCTA MODEL CANOE

Lengths made 16' to 18', 34½" to 37" width, depth amidships all 13". Wide, flat floor and convex sides. Price, $219 to $259.

MFR., Old Town Canoe Co., Old Town, Me.

SPONSON CANOE

Named Sponson from the air chambers built out each side and extending stem to stern, they give stability and buoyancy. Sponsons add 25 lbs. to boat. Are built to order. Oarlocks also available. Made in 16' to 18' lengths, and from 42½" to 45" wide, 13" uniform depth, weight 95 to 120 lbs. Price, open mahogany gunwales: $299 to $319.

MFR., Old Town Canoe Co., Old Town, Me.

PERSELY & RIEHL MFG. CO.

CLINTON UTILITY ROWBOAT

Length overall 14'; beam 54½", 19½" freeboard. Two large air tanks, 1 forward and 1 aft; 2 pine lumber seats, 10"x1". This boat is constructed of 14 ga. copper bearing steel, completely welded. Price, $156.50.

MFR., Persely & Riehl Mfg. Co., P.O. Box 381, Clinton, Ohio.

CLINTON WAVE MASTER

14'x58". Weight: 290 lbs. Motor range up to 35 HP. Top speed 30 mph., 35 HP. Capacity 5. Hull: Steel. Special features: Welded construction, unsinkable; two select pine lumber seats 10"x1". Constructed of 14 gauge copper bearing steel. Price: $285.00 and including hull, two wood seats, outboard motor bracket of marine plywood, chrome hardware. Accessories: front deck, $20.000.

MFR., Persely & Riehl Mfg. Co., P.O. Box 381, Port Clinton, Ohio.

SUDBURY LABORATORY

SUDBURY TRANSPARENT PRAM

Plastic and mahogany rowboat with transparent hull. 8'x46". Can carry 3 HP outboard motor. Weighs 44 lbs. without the removable seats. For use in hunting, fishing, observing marine life, as yacht tender. When placed over skylights will not obstruct light. Carries 3 adults. Price, $199.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

ACME BOAT CO.

16′ FAMILY RUNABOUT

16′x72″. Suitable for motors up to 60 HP. Carrying capacity, 9. Hull made of fir marine plywood with mahogany decks. Feature is a deep, beamy family runabout. Divided center deck. Depth amidship 32″, depth at transom 24″. Price of kit, $325, includes everything needed to construct boat, except paint and hardware. Available accessories: windshield, bimini top.

MFR., Acme Boat Co., P. O. Box 241, Miamisburg, Ohio.

MODEL 10 AR

10′ Class A race boat, ¼″ side and bottom panels. Regularly painted green and white. Seats, trim and inside spar varnished to preserve the natural finish. Offered in any two color combination upon request at no extra cost. Paint kits includes Rez primer, hull enamel and spar varnish to finish boat after completion. Available paint colors are: black, white, bright red, powder blue, grass green and gray. Price, Kit $105; completed $250; paint kit $9.25.

MFR., Acme Boat Co., P. O. Box 241, Miamisburg, Ohio.

MODEL 10 BR

10′ Class B race boat, ¼″ side, ⅜″ bottom panels. Regularly painted green and white. Seats, trim and inside spar varnished to preserve the natural finish. Offered in any two color combination upon request at no extra cost. Paint kits include Rez primer, hull enamel and spar vranish to finish your boat after completion. Available paints are: black, white, bright red, powder blue, grass green and gray. Price, kit $115; completed $260; paint kit $9.25.

MFR., Acme Boat Co., P. O. Box 241, Miamisburg, Ohio.

A & B RACING MODELS

10′2″x48″. Weight, A, 115 lbs.; B, 125 lbs. Constructed of fir marine plywood, all oak framework, brass screws, copper tacks. ¼″ bottom for A model; ⅜″ bottom for B. Both have ¼″ sides. Clocked speeds are 43 mph with A motors; 48 mph with B motors. Furnished either completed or in kit form for home construction. Price, A completed $250; B completed $260.

MFR., Acme Boat Co., P. O. Box 241, Miamisburg, Ohio.

AERO-CRAFT BOATS

MODEL E

9′x48″. Weighs 65 lbs. Seats 2. Extreme width at transom 44″. O.B.C. rated for 5 HP.

MFR., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

SEA DART

Semi-vee bottom. May be equipped with steering wheel and remote controls. It has walk through seat backs on the

KIT BOATS

front seats. Optional seat backs on the rear seat. Styro-foam filled seats. It has a completely anodized finish with the exception of the bottom, which is alclad aluminum. Overall length 14′1″, beam 60″, approx. weight 128 lbs., seats 2, deck 64″, extreme width at transom 50″, handles 30 HP.

MFR., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

GOLDEN KNIGHT

Walk through center deck, dash. Completely anodized finish with the exception of the bottom which is alclad aluminum. Optional snap in cushions. Styro-foam flotation. Overall length 14′2″, beam 68″, approx. weight 300 lbs., seats 2, deck 67″, extreme width at transom 59″. O.B.C. rated for 45 HP.

MFR., Aero-Craft Boats, 400 Water St., St. Charles, Mich.

CUSTOM CRAFT MARINE CO.

"JET" RACER

10′x55″ kit racer. Has constant dihedral bottom. Has wide beam and Non-Trip chines. Will easily handle 10 HP and more. Price, $152.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

PRAM-UTILITY

10′x55″ kit boat. Weighs 90 lbs. For motors from 3 to 20 HP. Top speed 45 mph. Carries 3 passengers. Constructed of ¼″ marine plywood. Has wide flaring sides. Price, $102.50 for complete boat.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

PRAM RACER

10′x55″. Has long forward deck, wide side covering boards and dashboard for mounting a racing steerer. Handles motors from 3 to 20 HP for speeds from 20 to 45 mph. is designed in accordance with new rules to qualify for JU, AU, or BU class racing by APBA rules or for A2 and B2 under CBF rules. Price, $114.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

PUNKIN SEED

8′x49″ plywood kit rowboat. Can use motor from 1½ to 5 HP. Useful as tender and beach boat; can be converted for sail. ¾″ fir marine plywood bow and stern transoms, completely machined and framed with Philippine Mahogany. Can be assembled in about 8 to 10 hours using ordinary household tools. Price, $56.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

UTILITY SKIFFS

Kit rowboat in 2 sizes: 10′x42″ and 12′x 42″. Can use motors up to 10 HP. Mahogany frames, plywood planking. Price, $72.50 and $83.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

TOPPER

12′x51″ kit rowboat. Plywood construction. Can carry outboard from 5 to 10 HP. Can be used as a sailer. Tredronic Bee bottom design, girder construction, full length spray rails. Price, $129.50 to $144.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

PACKETTE

10′x55″ plywood kit rowboat. Can use motors from 3 to 5½ HP. Can be converted into a sailing boat. Can be assembled in 8 hours. Price, $92.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

FISHING SKIFFS

Kit rowboat in 3 sizes: 12′x53½″, 14′x 53½″, and 16′x54½″. Solid mahogany girder construction. Marine plywood planking. Can carry outboard motors up to 16 HP. Small model can use up to 10 HP. Has wide beam and high flared sides. Prices, $102.50, $114.50, and $134.50 for complete boat ready for assembly.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

SMALL SPORTSMAN

12′x59″ kit outboard, available as utility or runabout. For motors from 3½ to 16 HP. Carries 4 passengers. Constructed of ¼″ marine plywood. Girder construction and Tredronic bottom design. Price, $154.50 for utility, and $176.50 for runabout.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

CHALLENGER

Available as utility or runabout in 2 sizes. Larger model is 14′x52″ and weighs 158 lbs. Uses motors from 3½ to 16 HP. Constructed of ¼″ marine plywood. Price, $164.50 for utility, $182.50 for runabout. Smaller model is 12′x51″ and weighs 138 lbs. Uses motors from 3½ to 14 HP. Top speed 30 mph. All models have Vee-bottom. Price, $134.50 for utility, $144.50 for runabout.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

HURRICANE

Plywood kit racer in 2 sizes: 12′x4′8″ and 14′x4′8″. Has double cockpit, wide beam design incorporating Non-Trip Chines and Monodronic bottom. Marine plywood planking, mahogany frames and mahogany faced marine plywood for decking. Price, $194.50 and $214.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

SEA-GOING RUNABOUT OR UTILITY

14′x63″ kit boat. Utility weighs 215 lbs., runabout 245 lbs. Can carry motors from 7½ to 25 HP. Top speed 40 mph. Carries 4 passengers. Constructed of ¼″ marine plywood. Wide beam plus high flared sides, full length spray rails. Tredronic bottom design. Price, utility

$214.50, runabout $229.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

SPORTSMAN

14'x59" kit boat available as runabout or utility. Can use motors 5 to 20 HP. Constructed of ¼" marine plywood. Has girder costruction and Tredronic bottom design. Price, utility $174.50, runabout $192.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

THUNDERBOLT WASP

13'x59" outboard kit runabout. Weighs 220 lbs. For motors from 7½ to 25 HP. Top speed 40 mph. Carries 4 passengers. Flying Stern and Monodronic Bottom design. Price, $22.50 for complete kit.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

HOLIDAY EXPRESS

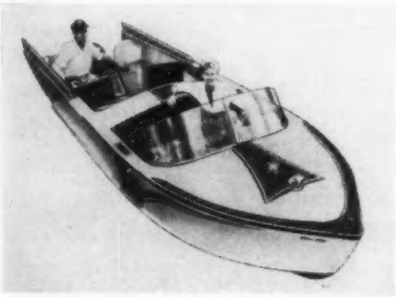
15'4"x68" outboard kit cruiser. For motors from 7½ to 50 HP. Has pre-cut full length ¼" fir marine plywood sides and bottom panels. Has tri-keel Girder Construction. Deep wide beamed hull is equipped with full length spray rails. Price, $369.50 including all pre-cut wood necessary to completely assemble the boat, 2 full length bunks, cabin and cockpit flooring, pilot and passenger seats, bow monkey rails, cabin window glass, bedding compound and screws.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

COMMANDER

16'x68" outboard kit boat. Can carry motors from 7½ to 40 HP. Top speed 40 mph. Constructed of ¼" marine plywood. Has flared forward sections and full length spray rails. Tredronic bottom design. Available as runabout, utility, or special short decked utility designed for the fisherman. Price, from $275.50 to $309.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.



CORSAIR OUTBOARD RUNABOUT

16'9"x75" kit boat. Weighs 450 lbs. ⅜" plywood bottom and ¼" plywood side panels. Deep forward cockpit. Price, $369.50 for complete kit.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

THUNDERBOLT COMMANDER

16'8"x68" outboard kit runabout. Hull weighs 360 lbs. Can carry motors from 15 to 40 HP. Top speed 45 mph. Price, $299.50 including all pre-cut plywood necessary to completely assemble the boat, plus screws and bedding compound.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

CORSAIR INBOARD RUNABOUT

16'9"x75" kit boat. Hull weighs 460 lbs. Carries 6 passengers. ⅜" plywood bottom, ¼" plywood side panels. Both fore and aft cockpits are deep and wide. Has Air-Ride Tredronic bottom design. Price, $424.50 for complete kit.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

CORSAIR INBOARD UTILITY

16'9"x75" kit boat. Weighs 430 lbs. ⅜" plywood bottom and ¼" plywood side panels. Features a single forward cockpit that is deep and wide plus a wide open aft cockpit. Price, $394.50 for complete kit.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

BELAIRE EXPRESS CRUISER

16'9"x72" kit cruiser. Has marine grade fir plywood ⅜" bottom panels and ¼" side panels. Girder construction and Air Ride Tredronic Bottom for smoother riding. Designed for either inboard or outboard motors. Price, $499.50 including all pre-cut wood necessary to completely assemble the boat, cabin bulkhead and door, 2 bunks, cockpit floor, bow monkey rails, fastenings and bedding compound. Flying transom, $49.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

CORVET EXPRESS

16'9"x72" kit cruiser for either inboard or outboard power. Marine plywood side and bottom panels. Spacious open cockpit plus cabin that can accommodate 2 full length bunks. Has girder construction and Tredronic Air Ride bottom. Price, $369.50 for outboard model and $419.50 for inboard model. Extra: flying transom, $49.50; plexiglas windshield, $29.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

MONTEREY SEDAN CRUISER

16'9"x71" kit boat for either inboard or outboard power. 35 to 90 HP for inboard, or 7½ to 50 HP for outboard. Outboard will do 40 mph. at 50 HP. Constructed of marine plywood. Has Tredronic bottom design. Price, outboard $409.50, inboard $484.50. Price includes curved plastic panoramic windshield, bow monkey rails, full length spray rails. Flying transom for $49.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

RIVIERA EXPRESS

16'9"x71" outboard kit cruiser. Has sleeping accommodations for 2. Constructed of ¾" marine grade fir plywood bottom panels and ¼" plywood side panels. Girder construction and Tredronic bottom design. Price, $409.50 including cabin bulkhead with door, fastenings. Extras: flying transom, $49.50; plexiglas windshield, $29.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

SABER

17'x68" inboard kit runabout. Weighs 575 lbs. Can use engine from 25 to 100 HP. Features girder construction. Price, $444.50 complete. Plexiglas windshield, $39.50.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

V18 VIKING

18'x7'4" boat. Sleeps 2. Transom is of plywood with 1" mahogany; decking of plywood, and cabin sides of solid mahogany. Can be purchased as a complete boat kit or on a pay as you go basis. Formed hull kit is priced from $895 to $1245. Custom finished boat is priced from $1495 to $1845. Semi-finished boat priced from $1125 to $1495. The cabin headroom is 4'4". Cockpit is 6'5". The complete boat kit is priced from $695 to $995, including hull, deck, and cabin kits. Extras: flying transom kit, $75; flush forward deck hatch kit, $50; armor glass for bottom, $45.40; armor glass for bottom, sides, and transom, $101.80.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

V19 OUTBOARD—VICTORY SERIES

19'x7'9" cruiser. Transom is of plywood with 1" mahogany; decking of plywood and cabin sides of solid mahogany. This kit may be purchased as a complete boat kit on a pay as you go basis. The Formed Hull Kit is priced at $1245. The custom finished boat is priced at $1845, semi-finished $1475. Extras: flying transom kit, $75; flush forward hatch kit, $50; armor glass for bottom, $50.40; armor glass for bottom, sides, and transom, $106.80. Necessary accessories are also available, such as galley kit, toilet kit, steering kit.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

V19 INBOARD—VICTORY SERIES

19'x7'9" cruiser. Transom is of plywood of 1" mahogany; decking of plywood and cabin sides of solid mahogany. Complete boat kit may be purchased on a pay as you go basis. The Formed Hull Kit is priced at $1095. The custom finished boat is priced at $1695, semi-finished $1325. Extras: flying transom kit, $75; flush forward deck hatch kit, $50; armor glass for bottom, $50.40; armor glass for bottom, sides, and transom, $106.80. Necessary accessories are also available, such as galley kit, toilet kit, steering kit.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

V21 OUTBOARD—VICTORY SERIES

21'x7'10" outboard kit cruiser. Transom is of plywood with 1" mahogany; decking of plywood, and cabin sides of solid mahogany. Extras: flying transom kit, $75; flush forward deck hatch kit, $50; armor glass for bottom, $56; armor glass for bottom, sides, and transom, $117.20.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

V21 INBOARD—VICTORY SERIES

21'x7'10" kit cruiser. Transom is of plywood with 1" mahogany; decking of plywood and cabin sides of solid mahogany. May be purchased as a complete boat kit on a pay as you go basis. The Formed Hull kit is priced from $1195 to $1445. The Custom Finished Boat $1795 to $2045, the Semi-Finished boat from $1425 to $1695. Extras: flying transom kit, $75; flush forward deck hatch kit, $50; armor glass for bottom, $56; armor glass for bottom, sides and transom, $117.20.

MFR., Custom Craft Marine Co., 1700 Niagara St., Buffalo 7, N. Y.

HARRISON FARRELL

DUET

23'6"x18'4"x7'6"x2'3" board up, 4' board down. V bottom sloop of plywood on white oak, galvanized and "Everdur," fastenings. Available in various forms from bare plans to finished boat. Inboard or outboard power. Sail area 260 sq. ft. Displacement 3,500 lbs. Accommodations for 4, with full length berths, toilet and galley.

MFR., Harrison Farrell, 24 Carman St., Massapequa, L. I., N. Y.

MINUET

19'6"x16'x7'x2'6", V bottom keel sloop of plywood on white oak, galvanized and "Everdur" fastenings. Available in various forms from bare plans to finished boat. Sail area 200 sq. ft. Outboard auxiliary power. Displacement 3,100 lbs. Accommodations for three with full length bunks, toilet, galley, and sitting headroom.

MFR., Harrison Farrell, 24 Carman St., Massapequa, L. I., N. Y.

FOLBOT CORP.

GLIDER

15½' long, 110 sq. ft. sail area. Price, $189 prefab; up to $695 factory finished Deluxe.

MFR., Folbot Corp., Stark Industrial Park, Charleston, S. C.

AUTO-TOP 12' SPORTABOUT

98 lbs. Price, $89 prefab; to $229 factory finished.

MFR., Folbot Corp., Stark Industrial Park, Charleston, S. C.

GLORIOUS 15'

New hull bottom design and 6' beam. Available as sports Deluxe with two cockpit to seat 4 to 6, or as utility with larger cockpit and seats 6 to 8. Is offered precision pre-fabricated at $199 up, or factory built for self finishing $329 up, and Deluxe finished, plastiglass covered for $465 up.

MFR., Folbot Corp., Stark Industrial Park, Charleston, S. C.

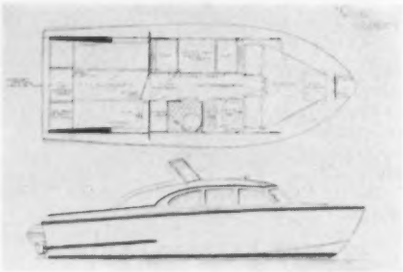
GENERAL MARINE CO.

KB-14 KIT BOAT DELUXE

Length, 14'; beam, 58". This boat seats four people, weighs 175 lbs. Price, $169.

MFR., General Marine Co., 6th & Oak St., St. Joseph, Mo.

GLEN L. MARINE



VERA CRUISE

21' long, 7'10" beam, maximum draft 15", hull depth forward and aft 51" and 33", cabin headroom 64", approx. hull weight 1200 lbs. V bottom developed for sheet plywood planking. Outboard motors, single or twin installations 20 HP up. Speed to 22 mph. A complete cruiser, with complete galley and enclosed toilet room. Has dinette with table, and this unit converts into a full length berth; 2 other berths also. Prices, for complete plan set with written instructions for the amateur builder, $14.25; for this set plus full size patterns for all the stem, knee and breast-hook and half sections of frames and transom $21.

MFR., Glen L. Marine, P. O. Box No. 568, Compton, Calif.

LADD-BUILT BOATS

LADD-BUILT FLYING FISHERMAN

11'6"x57". Weighs 150 lbs. For motors from 2½ to 16 HP. Top speed 25 mph. at 16 HP. Carries 5 passengers. Hull of ¼" Douglas fir plywood. Price, $306.00 painted, $198.00 kit.

MFR., Ladd-Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

LADD-BUILT FLYING FISHERMAN

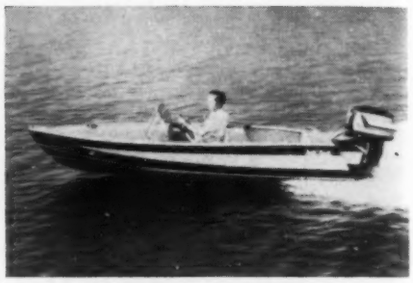
13'6"x59". Weighs 185 lbs. For motors from 2½ to 16 HP. Top speed 27 mph at 16 HP. Carries 6 passengers. Hull of ¼" Douglas fir plywood. Price, $326.00 painted, $208.00 kit.

MFR., Ladd-Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

14' METEOR

13'7"x61" weighing 325 lbs. Designed as a fast outboard runabout and water ski boat. Six longitudinal stringers, plus ¾" plywood girders give the hull rugged strength. The built-in outboard motor bracket is an integral part of the hull. Motor controls may be mounted on a panel conveniently located forward of, and below the front seat, providing easy access for either right or left hand drive. Did 40 mph with Scott Atwater 40 HP motor. Hull, $212; kit (with assembled hull), $388; unpainted, $498; painted, $638.

MFR., Ladd-Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.



LADD-BUILT METEOR

Length overall 13'7", beam 61", depth at deck 24", freeboard forward 23", freeboard aft 18", length forward deck 6', weight 255 lbs. Motor bracket is integral part of hull; ¾" bracket supports are built through transom and secured to longitudinal stringers inside hull. 2¾" plywood girders running parallel to keel give extra backbone to hull. Walk-through center deck; front or rear seat drive, as preferred. Motor controls may be mounted on panel at center of front seat. Anti-trip chines assure faster cornering. Brass screws for hull fastenings; barbed bronze nails on decks. Side and bottom planking: ¼" waterproof Douglas fir plywood. Transom: ⅝" plywood mahogany faced, braced with 2"x 6" fir cleats, plus ¾" Douglas fir waterproof plywood outboard bracket built into hull structure. Joints: welded waterproof glue. Hull joints: Borden's Resorcinal. Deck: ¼" ribbon strip mahogany, grooved and striped. Can use any outboard motor now in quantity production. Price, $638.00 painted; $498.00 unpainted; $388.00 kit, hull assembled.

MFR., Ladd-Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

LADD-BUILT MARLIN UTILITY

13'4"x62". Weighs 250 lbs. Top speed 40 mph at 40 HP. Carries 6 passengers. Hull of ¼" marine weldwood. Price, $366.00 painted, $282.00 unpainted, $232.00 kit.

MFR., Ladd-Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

16' SEA BIRD

15'11½"x81", for motors to twin 60 HP. Speeds to 28 mph. Sleeps 2, cooking facilities and head are optional. Has ⅜" 5-ply plywood sides and bottom, mahogany deck and wrap-around windshield. Price, $998, complete and painted, no hardware. Also available is installed flying bridge windshield, $86.

MFR., Ladd Built Boats, 1514 E. Scotts Ave., Stockton 5, Calif.

LADD-BUILT CRUISETTE

17'6"x7'. For motors from 16 to 40 HP. Top speed 28 mph. Sleeps 2. Sides and bottom of ⅜" Douglas fir 5-ply, full-length panels longitudinally stiffened. Price, $1348.00 painted, $728.00 kit. Stove, marine toilet, sink, sink pump, icebox, and fresh water tank installed for $345.00. Flying bridge $86.00 extra.

MFR., Ladd Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

OCEAN FISHERMAN

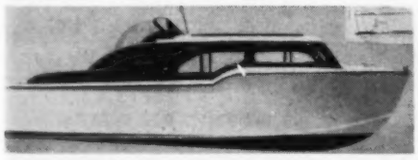
17'x6'9"x20". 26 mph with 35 HP motor. Can use engine up to 150 HP. Seats 5, can carry 10. Sleeping area under forward deck. Price, $1098.00 painted; $866.00 unpainted; $596 for kit.

MFR., Ladd Built Boats, 1514 E. Scotts Ave., Stockton 5, Calif.

LADD-BUILT SPORT FISHERMAN

19'8"x7'2" outboard cruiser. For motors from 16 to 40 HP. Top speed 25 mph. Sleeps 2. Headroom 5'. Large cockpit for fishing. Hull of ⅜" 5-ply Douglas fir full length panels, longitudinally stiffened. Price, $1748.00 painted, $898.00 kit. Stove, marine toilet, sink, sink pump, icebox, and fresh water tank installed for $345.00.

MFR., Ladd Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.



LADD-BUILT 20 FT. FAMILY SEDAN

19'8"x7'2" outboard cruiser. For motors from 16 to 40 HP. Top speed 25 mph. Sleeps 2. ⅜" 5-ply Douglas fir full-length panels, longitudinally stiffened. Sleeps 2 in double bunk forward. Price, $1998.00 painted, $998.00 kit. Stove, marine toilet, sink, sink pump, icebox, and fresh water tank all installed for $345.00. Flying bridge $86.00 extra.

MFR., Ladd Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

LADD-BUILT CUSTOM EXPRESS

23'3"x8'x2' single screw cruiser. For engines up to 200 HP. Top speed 33 mph., cruises at 22 mph. Fuel capacity 60 gal. Sleeps 2. 1 head. Headroom 6'2". Hull of ½" Douglas fir full length panels, longitudinally stiffened. Price, $4,998.00 with 100 HP engine. Stove, marine toilet, sink, icebox, fresh water tank, and sink pump installed for $345.00. Cockpit canopy for $110.00. Fiberglas sides and bottom $388.00 additional.

MFR., Ladd Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

LADD-BUILT CUSTOM SEDAN

23'3"x8'x2' single screw cruiser. For engines up to 200 HP. Top speed 33 mph, cruises at 22 mph. Fuel capacity 60 gal. Sleeps 3, galley and head. Headroom 6'2". Dinette can convert to wide bunk. Hull of ½" Douglas fir full length panels, longitudinally stiffened. Price, $5,198.00 with 100 HP engine. Stove, marine toilet, sink, icebox, fresh water tank, and sink pump all installed for $345.00. Fiberglas sides and bottom $388.00 additional.

MFR., Ladd Built Boats, 1514 East Scotts Ave., Stockton 5, Calif.

ROBERTS KIT CRAFT

ROBERTS SUPER ROCKET

Length 10', width 53", depth 15". Weighs 140 lbs. Side panels of full length ¼" 3-ply plywood. Bottom panels of full length ⅜" 3-ply plywood. Built in floorboards. Qualified under APBA specifications for class B, BB, BU, and stock runabout. Speed trial results: 21 mph. at 5 HP, 26.3 mph. at 7½ HP, 36 mph. at 10 HP, 44 mph. plus at 10 HP racing motor. Price, kit $185, complete $625.

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

ROBERTS SKIFF

7½ HP outboard. Useful for fishing, hunting, and as tender. Price, kit $98, complete $145.

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

ROBERTS ALLAROUND

13'6"x69" plywood runabout. Weighs 280 lbs. For motors 15-40 HP. Top speed 35 mph. at 30 HP. Carries 6 passengers. Price, kit $210 hull only. Foredeck $45, fore and center deck $70, walk-through deck $100.

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

TAFT MARINE WOODCRAFT

OFFSHORE CRUISER KIT

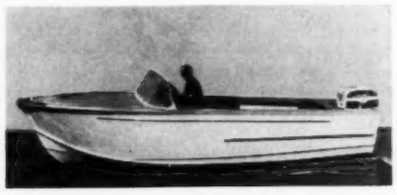
New 18-foot cruiser kit suitable for use with either outboard or inboard power available this season. Kits range from 8' prams to a 22' cabin cruiser. The inboard version of the new model will sell for $450, with the outboard model priced at $399. Both prices include freight. Philippine mahogany plywood and mahogany used throughout. The new cruiser is suitable for inboard installations up to 100 HP.

MFR., Taft Marine Woodcraft, Minneapolis, Minn.

U-MAK-IT KITS

Boat kits for home assembly. Precut materials, preassembled frames, precisely notched, beveled and properly marked; detailed assembly instructions. Sizes 8', 12' and 14' rowboats; 16', 18', 21' and 23' cabin cruisers for outboard or inboard power.

MFR., U-Make-It Products, 701 Whittier St., New York, N. Y.



U-MAK-IT 16'

16'x6'8" boat is available in kit form, and also as a completely assembled boat under the trade name of "Olympia." Also available in model 15' long, with 6'4" beam.

MFR., U-Mak-It Products, Deland, Fla.

NEW ANNOUNCEMENTS

ARCTIC BOAT WORKS

KAYAK KIT

Complete materials for building a 14'x32" Arctic kayak. Consists of all stainless steel ribs, 175' of glider quality mahogany stringers, 16 sq. ft. floor boards, 90' of canvas duck, 30' of coaming, 1 paddle, 5 thwarts, 1 qt. varnish and 5 qts. special canvas liquid. All pieces numbered for easy assembly. Price, $56.95.

MFR., Arctic Boat Works, 625 North Azusa, Calif.

BAY CITY BOATS

CRUISING-RACING SLOOP

22' sloop will sleep from 3 to 5 people. Pre-assembled boat is fitted together by professional boat builders. Company assembles all frames, so hull is ready for planking, then it is taken apart and shipped in sections.

MFR., Bay City Boats, Inc., 1833 First St., Bay City, Mich.

KIT BOATS

Pre-assembled boats are fitted together by professional boat builders. The company assembles all the frames, so hull is ready for planking, then it is taken apart and shipped in sections.

MFR., Bay City Boats, Inc., 1833 First St., Bay City, Mich.

BOAT KITS, INC.

BELVIDERE

12'2"x62", hull weight, 248 lbs. 4-passenger boat is suitable for motors up to 40 hp. Hull is of ⅜" marine plywood and oak frames. Has two cockpits, two seats with full backs, rear deck and 67" forward deck. Top speed, 40 mph at 40 hp. Price, $204, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

BIKINI

12'2"x62", hull weight, 260 lbs. Hull is of ⅜" marine plywood and oak frames. 3-passenger boat utilizing motors up to 40 hp. Has single cockpit, seat with back, 43" rear deck and 67" forward deck. Top speed, 40 mph at 40 hp. Price, $215.75. complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

BRISTOL

12'2"x62", hull weight, 240 lbs. 4-passenger boat is recommended for motors ranging up to 40 hp. Hull is of ⅜" marine plywood with oak frames. Features extra roomy cockpit, two seats and 67" forward deck. Top speed, 40 mph at 40 hp. Price, $179.75, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

CORONADO

14'2"x64", hull weight, 289 lbs. Seats 5, can be used with motors up to 60 hp. Hull is of ⅜" marine plywood with oak frames. Boat has 2 cockpits, 2 seats with full backs, 29" rear deck, 67" forward deck; all mahogany. Top speed, 40 mph at 60 hp. Price, $238, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

MONTICELLO

16'x72", hull weight, 340 lbs. For motors to 60 hp; top speed is 37 mph at 60 hp. 5-passenger boat has hull of ⅜" marine plywood and oak frames. 2 cockpits, 2 seats with backs, and mahogany front and side decking. Price, $259.75, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

MARTINIQUE

16'x72", hull weight, 350 lbs. For use with motors up to 60 hp; top speed is 36 mph at 60 hp. Boat loads 5 passengers, has hull material of ⅜" marine plywood and oak frames; 2 cockpits, 2 seats with backs and rear deck. Price, $269, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

VALPARAISO CABIN CRUISER

18'4"x94", sleeps 2, has one-piece molded fiberglas cabin and wrap-around windshield molded into cabin. Uses power to 80 hp; speed at 40 hp is 30 mph. Hull is of ⅜" marine plywood planking, all oak frames, mahogany decking. Price, $595, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

VALENCIA EXPRESS CRUISER

18'4"x94". Recommended for use with motors up to 80 hp; speed at 40 hp is 30 mph. Boat sleeps 2, has space for galley and head. Hull is ⅜" marine plywood planking, oak frames, and mahogany decking. Features include one-piece molded fiberglass cabin with molded windshield, and cabin bulkhead with door. Price, $595, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

VENTURA OFFSHORE MODEL

18'4"x94". Recommended for use with motors ranging up to 80 hp. Speed is 30 mph at 40 hp. Suitable for family cruising or fishing parties, this boat has hull of ⅜" marine plywood planking, all oak frames, choice of cadmium or brass fastenings, and mahogany decking. Price, $424.50, complete.

MFR., Boat Kits, Inc., 3404 Lyndale Ave. So., Minneapolis 8, Minn.

CHAMPION BOATS

SABER

14' and 16' outboard kits. Available in two types of kits; one complete with necessary plywood, the other a frame kit with all structural material needed except plywood. Prices, from $295 for plywood kits; from $195 for frame kits.

MFR., Champion Boats, P. O. Box 9038, Long Beach 10, Calif.

CHRIS-CRAFT BOAT KITS

PRAM

8' pram has pre-machined and prefabricated wood-parts to be assembled with non-ferrous fastenings. Illustrated instructions included.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

VAGABOND

12' open-cockpit utility has pre-machined and prefabricated wood parts, to be assembled with non-ferrous fastenings. Illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

METEOR

12' single cockpit speedster has room for another seat or storage space aft. Fins flank the cockpit and sweep aft of the transom to increase freeboard. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

GRAYLING

14' sports utility has pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

CARIBBEAN

14' open cockpit utility has pre-machined and prefabricated wood parts and non-ferrous fastenings. Illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

BARRACUDA

14' kitboat features step-through seat backs. Pre-machined and prefabricated wood parts, non-ferrous fastenings, illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

TARPON

15' raised-sheer sports utility has pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

CUSTOM RUNABOUT

16' boat has step-through seat back, 76" beam and exceptionally roomy after cockpit. Pre-machined and prefabricated wood parts, non-ferrous fastenings, illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

SPORTS EXPRESS

16' boat has a two-sleeper cabin under raised forward deck, handles single or twin outboards and has self-draining motor well. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

SPORTS CRUISER

16' boat has open styling uniting cockpit and cabin, one-piece molded fiberglass cabin roof and wrap-around windshield. Cabin can accommodate 2 berths and toilet. Boat can take single or twin outboards and has self-draining motor well. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

SPORTS RUNABOUT

19' boat can handle single or twin outboards or inboards up to 150 HP for speeds to 37 mph. Has open cockpit, swept-back fins and wrap-around windshield. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

SPORTS CONVERTIBLE

19' boat can take single or twin outboards or inboards up to 150 HP for speeds up to 37 mph. It has open cockpit, swept-back fins, wrap-around windshield and four-way folding top. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions are included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

EXPRESS

22' cruiser is four-sleeper, can take either outboard or inboard motors. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

DOUGLAS FIR PLYWOOD ASSOC.

PRAM DINGHY PLANS

7'9" pram dinghy plans. Designed by C. P. and E. D. Burgess, pram is light weight, all-purpose craft for yacht or car-top. Weight approx. 79 lbs., beam 48". Price, Plan No. 30, 25¢.

Douglas Fir Plywood Association, Tacoma 2, Wash.

OUTBOARD PLANS

Plans for construction of plywood-hulled 11'3", 13'4", and 15' outboards. Plan No. 35 for 11'3" fishing, family and sports boat; Plan No. 40 for rough-water 13'4" boat that takes up to 25 HP motor; and Plan No. 50 for 15' outboard. Price, 25¢ each.

Douglas Fir Plywood Association, Tacoma 2, Wash.

16′ RUNABOUT PLANS
Plans for building plywood 16′x72″ runabout, designed by David Beach to get maximum performance from high-powered motors. Weight of finished boat approx. 400 lbs. Price, Plan No. 55, 25¢.

Douglas Fir Plywood Association, Tacoma 2, Wash.

20′ CABIN CRUISER PLANS
Designed by David Beach for inboard or outboard power. Boat has roomy cockpit, large cabin with space for two berths, galley and head. Price, Plan No. 65, 25¢.

Douglas Fir Plywood Association, Tacoma 2, Wash.

15′ KNOCKABOUT PLANS
Plans for construction of plywood 15′ Knockabout Sailer and 7′9″ sailing pram. Price, 25¢ each.

Douglas Fir Plywood Association, Tacoma 2, Wash.

GENERAL MARINE

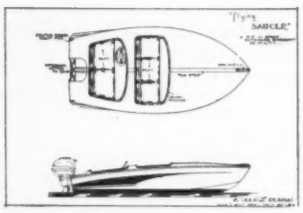
KB-14 DELUXE
14′x58″. Boat seats 4, weighs 175 lbs. Price, $169.

MFR., General Marine Co., 6th & Oak St., St. Joseph, Mo.

KB-17 CRUISER
17′ length, 72″ beam, 67″ transom width. Boat has cabin space for 2 bunks, toilet and galley, with roomy cockpit aft. Weight, with cabin, under 600 lbs. Price, $545 for hull with cabin and bunks.

MFR., General Marine Co., 6th & Oak St., St. Joseph, Mo.

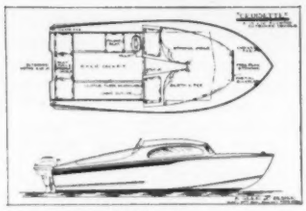
GLEN L. MARINE



FLYING SAUCER
12′3″x69″, hull weight, 225 lbs. Recommended for motors to 40 HP, this boat can deliver top speed of 41 mph at 40 HP. Hull is of plywood. Price, $71.50, including frames, transom, stem, breasthook, transom knee, plans and instructions. Also available: plans and instructions, $7; plans, patterns and instructions, $12.25; fiberglass kit for bottom only, $26.50, and fiberglass kit for bottom, sides and transom, $39.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

CRUISETTE
15′x72″, miniature cruiser recommended for motors ranging to 40 HP, at which top speed is 30 mph. Boat sleeps 2. Price, $92.50, including transom, frames, stem, breasthook, transom knee, plans and instructions. Also available, plans and instructions, $7.50; plans, patterns and instructions, $12.75; fiberglass kit for bottom only, $29.50 and fiberglass kit for bottom, sides and

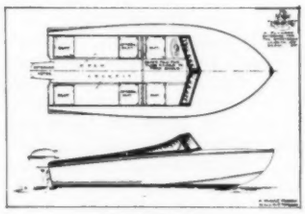


transom, $49.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

OVERNITER
15′x11″x82″, combination cruiser and runabout features high freeboard, sleeps 2. Recommended for motors to 60 HP, boat has top speed of 30 mph at 40 HP. Price, $110, including frames, stem, transom, transom knee, plans and instructions. Also available, plans and instructions, $8.50; plans, patterns and instructions, $15; fiberglass kit for bottom only, $34, and fiberglass kit for bottom only, $34, and fiberglass kit for bottom, sides and transom, $68.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.



NIMROD
15′x6′, hull weight, 425 lbs. This utility is recommended for use with motors to 40 HP. Features include bunks for 2 which fold into seats. Price, $87.50, including transom, stem, breasthook, transom knee, frames, plans and instructions. Also available, plans and instructions, $7.50; plans, patterns and instructions, $12.75; fiberglass kit for bottom, sides and transom, $49.50 and fiberglass kit for bottom only, $29.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

AUDEEN
16′3″x7′x8″. Recommended for motors from 60 to 150 HP, with a top speed of 49 mph, boat utilizes auto conversions, Universal or Gray Marine engines. Carries 6. Price, $172.50, includes frames, transom, stem, breasthook and plans with instructions. Also available; plans and instructions, $10.50; plans, patterns and instructions, $18; fiberglass kit for bottom only, $35.50, for bottom, sides and transom, $77.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

HOT ROD
16′6″x6′11″. Attains top speed of 60 mph, and will take auto conversions or marine motors, with Vee drive necessary. Boat carries 6. Price, $175, including frames, transom, stem, breasthook, complete plans and instructions. Also available are plans and instructions, $10.50; plans, full size patterns and instructions, $18; fiberglass kit for bottom only, $35.50 and fiberglass kit for bottom, sides and transom, $77.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

SEA KNIGHT
17′x86″, boat is suitable for motors to 80 HP, with top speed of 27 mph. Sleeps 2, has cooking facilities and head. Price, $125, includes transom, frames, stem, chine, blocking, breasthook, transom knee, plans and instructions. Also available, plans and instructions, $10; plans, patterns and instructions, $20; fiberglass kit for bottom, sides and transom, $73; fiberglass for bottom only, $37; complete cabin kit, $100 and fiberglass for cabin kit, $16.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

L. CAPITAN
17′3″x6′7″, for full marine motors or auto conversions of 45 to 150 HP, with top speed of 50 mph. Boat carries 6. Price, $160, includes frames, transom, stem, breasthook, paper templates for tail contour and carling, and plans and instructions. Also available; plans and patterns with paper templates for tail contour and carling, and instructions, $21; fiberglass kit for bottom only, $37, and fiberglass kit for bottom, sides and transom, $78.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

MIST MISS
18′2″x7′1″x8″. For marine motors or auto conversions up to 165 HP; boat has top speed of 47 mph. Carries 6. Price, $180, including frames, stem, transom, breasthook, plans and instructions. Also available: Plans and instructions, $11.50; plans, patterns and instructions, $19; fiberglass kit for bottom only, $38, and fiberglass kit for bottom, sides and transom, $79.50.

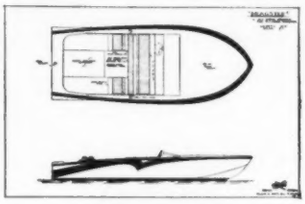
MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

TWO PLUS
18′6″x7′9″, for motors ranging to 60 HP, with top speed of 18 mph. Boat sleeps 2, has cooking facilities and head. Hull has plywood planking over sawn frames. Price, $165, including frames, transom, stem, breasthook, transom knee, plans and instructions. Also available: plans and instructions above, $11; plans, patterns and instructions, $18.50; fiberglass kit for bottom, $42.50 and fiberglass kit for bottom, sides and transom, $79.95.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

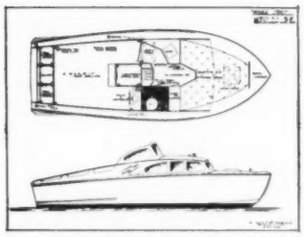
HAPPY HOURS
18′7″x94″x24″. Suitable for auto conversion or marine motors from 45 to 100 HP, boat has top speeds of 18 to 28 mph, and cruising speed of 14 mph. Fuel capacity is 20 gallons, giving cruising range of 70 miles. Sleeps 2, has cooking facilities, head. Hull is Vee bottom and plywood planked over sawn frames. Price, $170, including transom, frames, stem, breasthook, plans and instructions. Also available, plans and instructions, $14; plans, patterns and instructions, $21; fiberglass kit for bottom, $44.50, and fiberglass kit for bottom, sides and transom, $82.95.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.



DRAGSTER
18′4″x7′1″. Boat will take large auto conversions and marine motors to 300 HP, with top speed of 70 plus mph. Carries 5. Price, $190, including frames, transom, stem, breasthook, plans and instructions. Also available: Plans and instructions, $15; plans, full size patterns and instructions, $24; fiberglass kit for bottom only, $39, and fiberglass kit for bottom, sides and transom, $80.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.



WHEE TWO
21′10″x8′x12″. Marine motors or auto conversions can power this boat, with horsepower ranging from 45 to 125. Top speed is 25 mph, cruising speed, 20 mph. Has fuel capacity of 40 gallons and approximate cruising range of 100 miles. Sleeps 2, has cooking facilities and head. Boat features Vee bottom, with plywood planking over sawn frames. Price, $240, includes frames, transom, stem, breasthook, plans and instructions. Also available: plans and instructions, $17.50; plans, patterns and instructions, $28.50; fiberglass kit for bottom, sides and transom, $104.50, and fiberglass kit for bottom only, $54.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

VERA CRUISE
21′x7′10″, with hull of plywood planking over sawn frames. For motors to 90 HP, boat has top speed of 21 mph. Sleeps 3, has cooking facilities and head. Price, $240, including frames, stem, transom, transom knee, plans and instructions. Also available: plans

and instructions alone, $14.25; plans, full size patterns and instructions, $21; fiberglass kit for bottom only, $52, and fiberglass kit for bottom, sides and transom, $102.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

LADD BUILT BOATS

HALF PINT

6'x40", can be used as dinghy or sailboat, weighs 30 lbs. Capacity is 250 lbs. Plywood construction with full-length keel serving as center board. Price, boat kit, $39.50, completely knocked down; sail kit, $39.50, includes aluminum mast and spar, sail, line, rudder, tiller; boat only, $98, painted; boat only, $79, unpainted.

MFR., Ladd Built Boats, 1514 E. Scotts Ave., Stockton 5, Calif.

14' SKI BOAT

13'3"x62", weight, 300 lbs. For 25 to 40 HP motors, it carries 6. Top speed is 39 mph at 40 HP. Features include ⅜" 5-ply bottom, mahogany decking, reinforced side deck, walk-through seat. Price, $498, complete, painted, no hardware. Sides and bottom fiberglassed, $90 additional. Kit price, $296, including factory assembled hull.

MFR., Ladd Built Boats, 1514 E. Scotts Ave., Stockton 5, Calif.

21' SEAFARER

20'5"x7'8". For twin motors from 40 to twin 60 HP each. Top speed with twin 40 HP is 29 mph. Cruiser sleeps 4, has wrap-around plexiglass windshield. Prices, $528, hull only; $766, hull and deck; $1,296, hull, deck and cabin; $1,788, unpainted, and $2,348, painted. Available accessories: sink, sink pump, 25 lb. ice box, fresh water tank and marine toilet installed, $345; flying bridge windshield installed, $100.

MFR., Ladd Built Boats, 1514 E. Scotts Ave., Stockton 5, Calif.

LUGER INDUSTRIES

PRAM

8'x48½", weighs 65 lbs. For motors to 5 HP. Carrying capacity 3. Hull material ¼" marine plywood, oak frames. Special features: wide 4' beam for stability, light weight for easy handling. Price $41.75, complete kit, freight, oarlocks. Available accessory: fiberglass hull covering kit for $19.95.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

KINGFISHER

12'1"x46½" beam, weighs 88 lbs. For motors to 10 HP. Top speed 15 mph, at 10 HP. Carries 4. Hull ¼" marine plywood with oak frames. Special features: Flat-bottom design, light weight, for car-top transportation. Price $64.50, includes freight, oarlocks, floor boards, complete kit.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

LAKER

12'1"x48½", weighs 95 lbs. For motors to 10 HP. Top speed 15 mph at 10 HP. Carries 4. Hull ¼" marine plywood with oak frames. Special features: V-bottom hull design adaptable for outboard or oars, light weight, easily portable. Price $79.75, complete kit. Available accessories: fiberglass hull covering kit, $26.95.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

SPORTSMAN

Overall length 12'1"x54" weighs 130 lbs. Recommended for motors 5-30 HP. Top speed 25 mph at 30 HP. Carrying capacity 4. Hull ¼" marine plywood with oak frames. Special features: Open cockpit, three seats, 28" forward deck for fishing or sports. Price $115.00, includes complete kit and freight. Available accessories are deck hardware, $5.10, boat cover, $19.50.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

PANTHER

12'2"x62¼", weighs 235 lbs. For motors 5 to 40 HP. Top speed 40 mph at 40 HP. Carries 4. Hull ⅜" 5-ply marine plywood planking with oak frames. Special features: open cockpit with two seats. Highly maneuverable. Price $139.75, complete kit and freight. Fiberglass hull kit, $ 35.50.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

EL TIGRE

12'2"x62¼", weighs 245 lbs. For motors 5 to 40 hp. Top speed 40 mph at 40 hp. Carries 3. Hull ⅜" 5-ply marine plywood planking, oak frames. Special features: single cockpit, swept back cockpit railings, 40" rear deck. Price, $159.75, complete kit and freight. Available accessories: windshield $29.50, others same as "Panther."

MFR., Luger Industries, Inc., 3404 Lyndale Ave., South, Minneapolis 8, Minn.

CAPRI

14'x57", weighs 200 lbs. For motors 5 to 60 hp. Top speed 40 mph at 40 hp. Carries 5. Hull ⅜" 5-ply marine plywood with oak frames. Special features: Two cockpits, two seats, center deck. Price, $168.25, complete kit and freight. Available accessories: remote steering, $34.00, deck hardware, $11.45, fiberglass hull covering kit, $34.95, windshield, $19.75.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

VAGABOND

Overall length 14'1"x56" beam, weighs 165 lbs. Recommended for motors 5 to 40 HP. Top speed 34 mph at 40 hp. Carrying capacity 5. Hull, ¼" marine plywood with oak frames. Special features: open cockpit, three seats, 28" forward deck for fishing or sports. Price $149.00, includes complete kit and freight. Available accessories are fiberglass hull covering kit for $34.95 and boat cover $22.75.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

PRESIDENT

14'1"x64" beam, weighs 275 lbs. For motors 5 to 40 HP. Top speed 40 mph at 40 HP. Carries 5. Hull ⅜". 5-ply marine fir 14'1"x64" beam, weighs 275 lbs. plywood. Special features: Two cockpits with backed seats. Mahogany decking. Price $198.50, complete kit and freight. Available accessories are fiberglass hull covering kit $42.50 and windshield $29.50.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

CONTINENTAL

16'x71", weighs 288 lbs. Recommended for motors 7½ to 60 HP. Top speed 40 mph at 60 HP. Carries 6. Hull ⅜" 5-ply Marine fir plywood planking, oak frames. Special features: two cockpits, seat backs, rear deck, mahogany decking. Price $246.50, includes complete kit and freight. Available accessories, remote steering $34.15, deck hardware $12.15.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

CONSTELLATION

16'x71", weighs 278 lbs. For motors 7½ to 60 HP. Top speed 40 mph at 60 HP. Carries 6. Hull ⅜" 5-ply Marine fir plywood planking and oak frame. Special features: open cockpit, walk thru front seats with seat backs on front and rear seats. Mahogany decking. Price $239.95, complete kit and freight. Available accessories are same as with "Caliente" and "Continental."

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

ROBERTS KIT CRAFT, INC.

ROBERTS SAILING SEA SHELL

8'x48" pram. Sail area 41 sq. ft. Dagger-board. Plywood sides and bottom. Solid spruce spars, mast in 2 sections. Price, kit $158, completed $280.

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

ROBERTS DELUXE SAILING SEA SHELL

8'x48" daggerboard pram. Sail area 41 sq. ft. Sails of American Duck. Plywood sides and bottom. Solid spruce spars, mast in 2 sections. Price, kit, $168, completed $295.

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

BLUE JAY

13'6"x5'2" centerboard sloop. Sail area 90 sq. ft. Plywood sides and bottom, ash frames. Solid sitka spruce mast and boom, stainless steel rigging. Price, kit $375, complete $740. (Not including sails.)

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

ROBERTS KING SIZE SAILING SEA SHELL

116"x56" centerboard catboat. Sail area 41 sq. ft. American Duck sails. Plywood sides and bottom. Solid spruce spars, mast in 2 sections. Price, kit $180, complete $315.

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

ROBERTS SKIMMER

Length 95", width 44", depth 16". Weighs 85 lbs. 2 frames. Full length ¼" 3-ply planking. Clocked at speeds between 24 and 38 mph. with 5 to 7½ HP standard outboards. Useful as cruiser tender, racer, and for hunting or fishing. Reinforced bottom. Transom has factory installed motor board and is braced with over size corner brackets. Has storage compartment forward. Price, kit $95, complete $220.

MFR., Roberts Kit Craft, Inc., No. Main St., Branford, Conn.

U. S. MOLDED SHAPES

PLYWOOD HULLS

Full lap, molded plywood hulls available for finishing into 13'6", 14'6" and 16'6" outboard boats. Laps are bonded to multi-laminated molded hull with phenolic resin glue, forming seamless, water-tight lapped exterior around complete hull. Precut parts such as transoms, transom knees and braces, keel, keelson and stringers are available.

MFR., U. S. Molded Shapes, 640 Market Ave., S.W., Grand Rapids, Mich.

TAFT MARINE

18' CRUISER

18-foot raised deck cruiser has 92" beam, 47" depth. Craft offers full eight-foot bunk accommodations and an easily accessible hatchway. Decks are of Philippine mahogany. Boat comes with pre-assembled frame. Cruiser is designed to operate with motors from 15 to 40 HP, and with larger motors can achieve speeds in excess of 30 mph. Price, $475.

MFR., Taft Marine Woodcraft, Minneapolis, Minn.

18' OFFSHORE CRUISER

18'x85"x42". Features wrap-around windshield and mahogany decks. It will deliver speeds of more than 30 mph with motors from 35 HP to 60 HP. All-mahogany framing is pre-assembled, and disassembled for shipment. Price, $375, freight included. Company also offers a series of 14' runabouts.

MFR., Taft Marine Woodcraft, Minneapolis, Minn.

HOUSEBOATS

BOAT DISTRIBUTION

GRANDMA III

A 22'x8' amphibious houseboat that may be trailed behind a car and launched on its own retractable wheels. Features inner spring mattresses, enclosed toilet, 12 and 110 volt lighting, water storage, galley, sun deck, and ample fore and aft deck space. Accommodates 4 persons. Hull is of 14 gauge steel on channel iron frames. Cabin of aluminum covered plywood. Weight 2700 lbs. Hitch weight, 190 lbs. Price, $2995.

DIST., Boat Distribution Inc., P.O. Box 474, Clinton, N. C.

DREAMBOAT MFG. CORP.

SEA QUEEN

23'x8'. Top speed is 25 mph at 75 hp. Sleeps 4. Hull is of fiberglass and honeycomb reinforced molded fiberglass construction. Boat features 300% natural buoyancy, and has antimony trioxide added to precolored polyester resin—will not rot, sink, burn or need repainting. Includes galley, sink, stove, ice box, double circuit cabin lights, steering controls, head, shower, electric bilge pump, 42 gallon pressure water system, regulation running lights and sundeck railings and awnings. Price, $2,975.

MFR., Dreamboat Mfg. Corp., Box 212, Guntersville, Ala.

VACATIONER

25'x10', with living accommodations for 4. Top speed is 12 mph, cruising speed is 10 mph. Has galley with sink, stove, ice box and cabinets, dinette, double circuit cabin lights, steering controls, upholstered bunks, head, shower, electric bilge pump, 42 gallon pressure water system and regulation running lights. Exterior is completely fiberglassed. Price, $2,545.

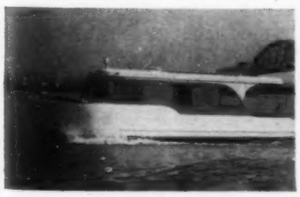
MFR., Dreamboat Mfg. Corp., Box 212, Guntersville, Ala.

SUNLINER

30'x12', with living accommodations for 6. Top speed is 12 mph, cruising speed is 10 mph. Includes galley with sink, stove, icebox and cabinets, dinette, private stateroom, double circuit cabin lights, steering controls, fiberglassed exterior, head, shower, electric bilge pump, double bunks, 42 gallon pressure water system and regulation running lights. Price, $3,175.

MFR., Dreamboat Mfg. Corp.,

FALLS CITY FLYING SERVICE



MARINETTE

28' all-aluminum cruiser-type Vee hull with better performance and increased seaworthiness. The inboard version with a 65 HP Vee-Drive Universal attains speeds up to 17 mph; the outboard version will do 13 mph with a 35 HP motor. Constructed of ⅛" aluminum plate riveted and heli-welded. Hull and cabin are "alodized" and painted for maximum protection against salt water corrosion. The interior is "weather-conditioned" with glass fiber insulation; accommodations include berths for 4, enclosed head, modern galley, 6'3" headroom, storage space and overhead sundeck. Because of the Marinette's max. 8' beam, no special towing permits are required. Prices from $5,495 to $6,745 (including engine).

MFR., Marine Division, Falls City Flying Service, Inc., Standiford Field, Louisville 13, Ky.

FLOTEL

FLOTEL

Available in lengths of 21'8", 27'8" and 32'8". Triple-hull boat is of aluminum with duraply decks. Cabin is built to owner's specification.

MFR., Flotel, 1 Main St., Richmond, Ind.

GRAFTON BOAT WORKS

32' DRIFT-A-LONG

32'x11'3". Fresh water capacity, 40 gal. Sleeping capacity, 4 or 6. Headroom, 6'6". Fuel capacity, 40 gal. Model 620, 60 HP Gray Marine engine with a Walters V-Drive. Speed approximately 11 mph. The hull is a V-bottom, scow bow, made of 12 ga. steel with 10 ga. chines and keel. One watertight bulkhead with framing every 3'. Rudder, strut and skeg are steel. The cabin is of 18 ga. steel with jalousie windows. The cabin top is of 14 ga. steel suitable for walking or deck chairs. Interior is finished with plywood, sofa hinges into an upper and lower bunk. Icebox capable of holding 100 lbs. of ice. Enameled steel cabinets and porcelain sink. The after stateroom can have an upper and lower berth on one side and dresser on the other side, upper and lower berth on both sides, or have lower berths only. Standard equipment included with boat are: Marmac steering control, Graymarine instrument panel, electric horn, class 2 running lights, anchor light, 2 one-quart fire extinguishers, one 8" fog bell, 50' of dock lines, stove, anchor line, 16 lb. anchor, jalousie windows and screens. Price, $7,841.00 F.O.B.

MFR., Grafton Boat Works, Grafton, Ill.

60' MARINER

52'x18'6". Sleeping capacity, 8 to 12. Headroom, 6'4" to 7'2". Water capacity, cold 300 gal., hot 60 gal., fuel capacity, 300 gal. The hull is a vee bottom, scow bow, made of 7 ga. steel with ¼" chines. Has 2 watertight bulkheads with framing every 3' The interior is on three levels. Forward under the wheel house are 2 staterooms, both with private heads and storage lockers. Immediately above is a cabin with a door on each side, picture windows, and steps leading to the sundeck. The sundeck is 23'x12' and is equipped with dual control. Main cabin has a galley with storage, gas stove, refrigerator, and deep freeze. The main cabin also houses a third stateroom with sofa that converts into an upper and lower bunk. Like other staterooms it also has a head. Under the main cabin is stored fuel and water. The boat is wired throughout for 110 v AC, 60 cycles. Comes equipped with window type air conditioner and gas furnace. A Constavolt keeps engine batteries fully charged. Price, with two 150 HP Gray Marine engines, $35,100; with two 135 HP Gray Marine diesels, $41,090.

MFR., Grafton Boat Works, Grafton, Ill.

HOLIDAY BOATS

HOLIDAY 32

32'x10', cruising houseboat of 12 gauge welded steel construction. 36" freeboard and spoonbill reinforced bow for decreased resistance when underway. Cabin has aluminum exterior with mahogany interior paneling and 6'4" headroom. Windows and doors are aluminum, screened and water tight. Features galley with two burner gas stove, formica counter top, ample storage space, marine head, large closets, and forward steering controls. Also two davenport-type beds to sleep 4 and a folding door converting the salon into two staterooms. Designed with three streamlined keels for maneuverability and on-course steering. May be used with inboard or outboard power.

MFR., Holiday Boats, 135 Eaton St., St. Paul, Minn.

LIESURELINE, INC.

VAGABOND

26'x8' Cruising houseboat. Flat bottom design for easy trailer-

ing. Cruises to 12 mph with the larger model outboard motors. Constructed of white oak longitudinals, Douglas fir frames and marine plywood. Features 12 and 110 v lighting, 8'x8' cockpit, stove, sink, icebox, toilet, bunks, closet space, shower, and 2 lounge seats converting to double berths for 4 persons. 264 sq. ft. deck space, 659 cu. ft. living space in cabin. Incorporates Styrofoam flotation and roofed front porch. Price, $3,395.

MFR., Liesureline Inc., P.O. Box 354, Waukegan, Ill.

RED WING MARINE

CASA CRUISER

40'x12'. Houseboat powered with two Red Wing-Meteor 100 engines, with top speed of 17 mph, and cruising speed of 12 mph. Living accommodations for seven or more. Features draperies, carpeting, picture-view windows, indirect lighting, full-sized inlaid tile shower, lavatory and head, galley, dining facilities, storage space and play deck. Conveniences include foam rubber cushions, formica-topped dinette table, galley exhaust fan, 3-burner LP gas stove with full-sized oven and broiler, electric refrigerator with freezing compartment, stainless-steel double sink, 20 gallon electric water heater, large closets and numerous electric outlets. Fairbanks-Morse 115 volt electric water pressure system. Hull is of welded, 10-gauge steel. Engines have synchronized hydraulic reverse gear. 208 gallon gasoline capacity. Coast Guard approved automatic Kidde CO_2 system may also be operated from control panel. Price, $18,000 complete.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

RIVER QUEEN

RIVER QUEEN

32'x11', houseboat reaches 10 to 12 mph with either inboard or outboard power. Features bunk beds, fully equipped kitchen, lavatory and marine toilet and water and electric systems. Guard rails on catwalks for children's safety. Also has innerspring mattresses, ice box, 16" sink, cabinet and storage space, folding davenport for two, aluminum

jalousie windows and aluminum sliding forward door, 2-burner table-top propane stove, electrical fixture and running lights. Also available in 24′ model.

MFR., River Queen Boat Works, Gary, Ind.

RICHLAND MFG. CO.

HOLIDAY HOUSE

30′x8′x36″ houseboat has aluminum construction and Styrofoam flotation. Top is fiberglassed. Windows, screens and doors are aluminum, with cabin fully insulated. It sleeps 4, can sleep 6 with optional lounges added. Top speed is 10 mph with one outboard motor, 14 mph with two outboards. Features galley, dinette, enclosed head, built-in ice box, water tank, gas for cooking and heat, complete 6 volt lighting system and complete 110 volt lighting system with plug-ins for appliances.

MFR., Richland Manufacturing Co., Richland, Mo.

NOVELTY BOATS

AIRBOY TRAVELER

A 19′ craft powered by a 190 HP aircraft engine. Has planed with 10 adults aboard and been clocked at 55 mph with driver only. Of fiberglass and plywood construction. An aluminum model will also be available soon. Price $3,750. Other models of "Airboats," from 2 HP up, in water and ice boats, for sport or utility work.

MFR., Airboats, Inc., 3323 No. Florissant Ave., St. Louis, Mo.

CHAMBLES INDUSTRIES

WATER CYCLES

Watercycles, boat and watercycle trailers. Outboards up to 20′.

MFR., Chambles Industries, Box 168-A-R-2, El Campo, Tex.

DALLAS ENGINEERS

WATER-SKEETER

Shipped complete with instructions and all pedal controls ready to operate. The motor model is shipped complete with instructions ready to install the outboard motor, up to 3 HP. The motor and pedal models are the same with the exception of interchangeable parts. Kits are available for change over. Pontoon size is 12″ diameter x 9′ long and is made from molded fiberglas. Frame is tubular steel welded construction with sheet steel saddle pads. Overall length, nose to end of fin 9½′; overall height to top of seat 38″, overall width 66″, wt. (approx.) 125 lbs. Pedal power speed is comparable to the speed of a canoe. Motor power speed is comparable to boat with same power. Pontoon flanges act as spray rails, when using motor. Price, $279.

MFR., Dallas Engineers, Inc., Dallas, Pa.

WATER BICYCLE

Plywood built water bicycle.

MFR., Hampden Wood Products, Inc., 155 River St., West Springfield, Mass.

HORST MFG. CO.

WATERBIKE

All metal, aluminum and steel. Pontoons support over 400 lbs. Length 9′, height 43″, weight 140 lbs.

MFR., Horst Manufacturing Co., 12675 Haggerty Rd., Belleville, Mich.

NEPTUNA CORP.

NEPTUNA

28′5″x7′10″x8′3½″ height on land, "house-trailer and cabin-cruiser combination." Of welded steel frame and plate construction with electric brakes and retractable wheels. 6 and 110 v lighting system. Power 1 or 2 outboard motors.

MFR., Neptuna Corp., 723 Sonora Ave., Glendale, Calif.

PORTA CO.

PACKET

Lightweight folding boat 6′x4′. Ready for use, folds to 38″ high and 20″ across. Weight, with chair, oars and oarlocks, is 24 lbs. Draws 2″ of water with 200 lbs. aboard. Hull is 14 oz. rot and mildew-proofed duck coated with vinylite. Ribs are aluminum tubing. Capacity is over 500 lbs. Price, $98.50, including chair, oars, oarlocks and harness for carrying boat.

MFR., Porta Co., Inc., 32 Neponset St., Canton, Mass.

ROBERTSON-HEDGES

DRAGONFLY ICE SLED

Has a wind-break front, tube-steel welded construction with a two-bolt knockdown feature for easy assembly and transportation. Two bucket seats, foot rests, remote throttle control, 3 hinged ice runners and a drag brake complete the ice sled. Shipping weight approximately 100 lbs.

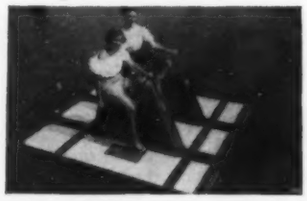
MFR., Robertson-Hedges, Inc., 647 W. 39th St., Kansas City, Mo.

SELLECK WATERCYCLE CO.

STANDARD WATERCYCLE

Non-tip, self-balancing, non-sinkable twin-float craft operates by foot pedals, steers with handlebar. Attachment for outboard is available. Available in 2 types of kits, as well as assembled. Plans and parts sets which include all metal working parts ready to install, wood parts supplied by customer, are also available. Price, $375 finished. Kit, $213.

MFR., Selleck Watercycle Co., Inc., NW 2nd Ave. at 15 St., Boca Raton, Fla.



DOUBLE WATERCYCLE

8′x77″, weight, 250 lbs. Has 2 independent paddlewheels that both drive and steer the craft. Requires 2 riders, either adults or children; 3 or 4 children can ride at one time. Craft has 3 floats and 2 housings side by side. Packed knocked-down in 5 cartons; can be assembled in about 1 hour. Price, $625, complete. Kit, $329.

MFR., Selleck Watercycle Co., Inc., N.W. 2nd Ave. at 15 St., Boca Raton, Fla.

SPECIALTIES, INC.

SKIM BOAT

9′11″x3′6″x18″, weight approximately 115 lbs., with 7 HP engine installed. For motors ranging from 7 to 20 HP, with motor water-cooled and sealed in forward compartment. Motorized aquaplane is steered with a tiller rope and has automatic shut-off device to cut engine when tiller rope is released. Made of fiberglass-reinforced honeycomb polyester plastic. Cruises at 20 to 35 mph, has maximum speed of 35 to 40 mph.

MFR., Skimboat Division, Specialties, Inc., 123 E. 8th Ave., Conshohocken, Pa.

TRAIL-IT COACH MFG. CO.

LAND & WATER CRUISER

22′ long, 8′ beam, 8′ 2″ height, approximate gross weight, 2700 lbs., hitch weight, 180 lbs. For use with motor in water or with car on land, cruiser has double electric-welded 14 gauge steel hull with steel channel iron framing and interior air-tight compartments. Interior hull is asphalt-undercoated as rust preventative. Cabin exterior of Reynolds aluminum, roof exterior of fiberglass over marine plywood. Cruiser sleeps 4, has toilet and dressing room, complete galley with sink, ice box, 2-burner LP cookstove, water tank and pressure pump, closet, cabinets and storage space. 6, 12 and 110 volts electric lighting systems, retractable wheels, steering wheel are included. Outboard motor mounting bracket will take 5 to 75 hp motors, single or twin. Price, $2,845, complete.

MFR., Trail-It Coach Mfg. Co., Inc., 5830 Second Ave., Des Moines 13, Iowa.

LAND & WATER CRUISER DELUXE

25′4″x8′, overall height, 8′2″, approximate gross weight, 3,800 lbs., hitch weight, 190 lbs. For outboard motor on water, with car on land. Cruiser has double electric welded 13 gauge steel hull with steel channel iron framing and interior air-tight compartments. Cabin exterior is of Reynolds aluminum, roof exterior is fiberglass over marine plywood. Sleeps 4, has 50 lb. ice box, two-burner LP cook stove, toilet and dressing room, closet, water tank and pressure pump, 6, 12 and 110 volts electric systems, retractable wheels and Coast Guard approved running lights. Outboard motor mounting bracket for motors from 5 to 75 hp, single or twin installation. Price, $3,195, complete.

MFR., Trail-It Coach Mfg. Co., Inc., 5830 Second Ave., Des Moines 13, Iowa.

NEW ANNOUNCEMENTS

STANLEY MOBILE HOMES

ROLLING-FLOATING HOME

MFR., Stanley Mobile Homes, Box 75, Dixon, Ill.

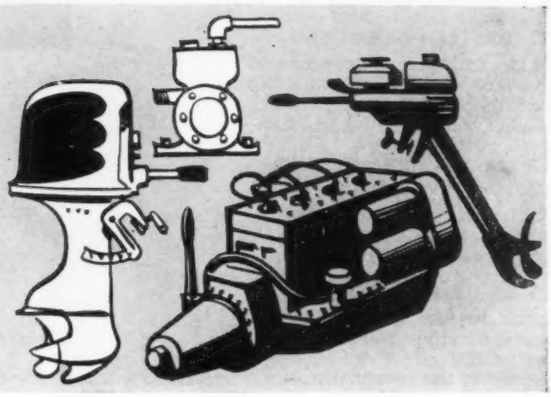
SKIPPER MFG. CO.

26′ SKIPPER

Can be used as a mobile home, a yacht, or lakeside cabin. Detachable wheels and trailer mount make it easy to launch on any gradual incline. Wheels may be left in position for short cruises, can be removed for extended trips. Craft features complete cooking, dining and sleeping facilities.

MFR., Skipper Mfg. Co., P. O. Box 4341, Fort Worth, Tex.

ENGINES - OUTBOARD and INBOARD



OUTBOARD or inboard, gas or diesel; there's a 1958 marine engine to meet every boating requirement. Choice of power is necessarily dictated by the purpose it must serve, but even within the limits of his needs, the boatman can find a wide selection of models, horsepower ranges, and styles.

In the outboard field, three trends are apparent this year: more horsepower, slicker styling, and in the large power models, more weight. Outboard engines in the 50-70 HP range weigh up to 200 lbs. Installing or removing one of these is an operation for which friends or a winch are needed. The motor goes on at the beginning of the season, and comes off at the end. But even the big runabouts and cruisers that use these large engines can be trailered, so no loss of mobility is involved.

This trend to increased power in outboard engines has led to larger, better-outfitted boats, ones capable of fairly extended cruising. Just where this trend will lead is anybody's guess right now, but the boatman is offered more size, comfort and stability in outboarding than ever before.

The small engines haven't been neglected, however. Models down to 3 and 2.5 HP are available for use as kickers on the small skiffs and dinghies. And in the middle power range there is a greater selection of models than ever before. But in all powers the improvements in controls, silencing features, and shock-proof lower units mean greater ease of operation, and much more pleasant boating this coming year.

Inboard engines have not been subject to as many engineering changes as outboards, but increased efficiency is the keynote of every line. There has been considerable development in recent years in drive arrangements to enable the engine to be moved as far aft as possible, thus making it easier for the boat to move up onto a plane (in planing type hulls), and to make more cockpit room available. Use of lightweight metals has greatly reduced overall weight in most lines. Power ranges available are from about 6 HP to more than 300 HP.

For the do-it-yourself boatman of the engineering variety, conversion kits are available to transform many of the modern V-8 automotive engines to marine use.

Diesels offer economy of operation, but somewhat more weight per horsepower than equivalent gasoline inboard engines. Maintenance on a diesel is generally cheaper than on a gasoline power plant, and the danger of fire or explosion from fuel fumes does not exist. Prices for diesels are somewhat higher than for gas engines, however, balancing the lower maintenance cost.

In selecting a power plant for your boat, a number of factors must be considered, whether outboard or inboard, gasoline or diesel. Size and hull design are most important; a displacement hull will not give greater speed with power in excess of rated capacity, and a large engine in a small planing hull can make the craft dangerous to operate, perhaps even damage the transom if an outboard, or weaken engine supports if an inboard.

How do you intend to use your boat? If for fishing in sheltered waters, you'll want enough power to get you to where the fish are, without taking too much time, and yet one which will throttle down to smooth, slow trolling speeds. You'll want something between 3 HP and 30 HP, depending on the size of your boat. For offshore fishing, you shouldn't need more than about 30 HP, but at least 16 HP, again depending on the size of the craft. You'll want enough push to get you back into harbor safely when tide and current conditions are against you.

If you're a water ski enthusiast, power requirements range from 10 HP up to 70 HP, again depending on the size of the boat, and in this case the number of skiers customarily towed. You can't get six skiers off to a deep water start with 10 HP, but it doesn't take a big motor to tow one or two skiers behind a small boat.

For the cruising boatman, choice is dictated by the size of the boat, type of hull, and local conditions. The larger the craft, the more power it can handle safely. In no case is it wise to go above recommended power ranges. This goes for both inboards and outboards.

How important is styling? In the outboard field this has received more attention than ever before, with top-flight industrial designers creating the shapes and colors for powerhead covers. Design of lower units is still the realm of engineers who are primarily concerned with underwater efficiency more than good looks. Other factors being equal (or enough so that any difference is inconsequential in your motor choice), you might find the color or design of the motor the deciding factor.

So look them all over, you'll find one that will meet your needs. — ⚓

OUTBOARDS

BRITISH SEAGULL

BRITISH SEAGULL

Single cylinder, water cooled outboard motors in models from one to five hp. Compact, reliable and extremely popular in all British waters.

MFR., British Seagull Company Ltd., Poole, Dorset, England.

EVINRUDE MOTORS

5.5 HP FISHERMAN

Motor is for use on larger prams, dinghies, rowboats and small utilities. Weed-cutting features of the propeller insure against fouling by tangled lines and marsh grass. Available with long shaft, motor can provide auxiliary power for cruising sailboats.

MFR., Evinrude Motors, Milwaukee, Wis.

7.5 HP FLEETWIN

Pioneer of the company's quiet motors, performs from a slow troll to speeds of 17 mph, depending upon hull design and load. Weighs 59 lbs. Can be carried easily in the trunk of an automobile.

MFR., Evinrude Motors, Milwaukee, Wis.

SPORTWIN

Versatile model develops 10 HP at 4000 rpm. Motor trolls at less than one-mile-per-hour and attains top speed of 20 mph, depending upon hull design and load factor. New Sportwin has slip clutch propeller, weed cutter and idling stop.

MFR., Evinrude Motors, Milwaukee, Wis.

18 HP FASTWIN

Produces speeds up to 27 mph, depending on hull design and load. Fastwin propeller features both new slip clutch principle and weed cutter. An idling stop feature, previously limited to the Evinrude Big Twins, has also been added.

MFR., Evinrude Motors, Milwaukee, Wis.

18 HP ELECTRIC-STARTING

Evinrude Fastwin incorporates all the features found on its companion model, the rope-starting 18. The Fastwin uses the same 12-volt starter as that on the Big Twin electric. An electrical plug-in connector, similar to although smaller than that of the Big Twin, is also featured.

MFR., Evinrude Motors, Milwaukee, Wis.

35 HP BIG TWIN

Workhorse of the Evinrude line. New compression relief chambers in cylinder head make it an easier hand-starting motor than most units of its size and power. This model has a new slip clutch propeller and a newly-developed air silencer.

MFR., Evinrude Motors, Milwaukee, Wis.

35 HP ELECTRIC-STARTING BIG TWIN

Incorporates all features of the rope-starting Big Twin, plus additional electrical improvements. A new starting motor which uses 12 volts in the same space taken up by the previous six-volt unit.

MFR., Evinrude Motors, Milwaukee, Wis.

LARK

New 35 HP model features completely sealed motor covers, thermostatic control of water system. Displacement is 40.5 cubic inches, and engine develops 35 HP at 4500 rpm. Weight is 138 lbs. All-electric model has provision for generator and an electrical plug-in connector. Price, $625.

MFR., Evinrude Motors, Milwaukee, Wisc.

FOUR-FIFTY

50 HP motor of V-4 design, and displacement of 70.7 cubic inches. Similar to "Starflite" model, but with manual starting, and no provision for generator or electrical plug-in connector. Price, $740.

MFR., Evinrude Motors, Milwaukee, Wisc.

STARFLITE

V-4 cylinder arrangement, 50 HP at 4000 rpm. All electric model. Motor weighs 205 lbs. has provision for generator and electrical plug-in connection. Comes in gray with covers of white and charcoal with red and chrome trim. Price, $840.

MFR., Evinrude Motors, Milwaukee, Wisc.

GALE PRODUCTS

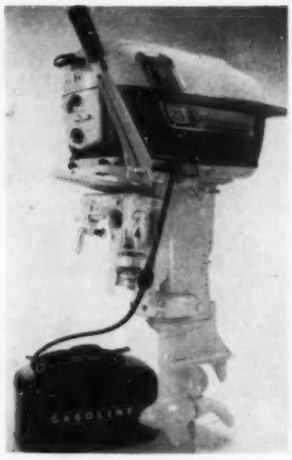
BUCCANEER 3 HP DELUXE

Speed: Slow idle to 8 mph. Weight: 32 lbs. Ignition: Moisture-proof coils and condensers. Rubber shrouded spark plugs. Direction: 360° pivot. Propeller protection: Rubber clutch in propeller. Controls: Single lever synchronized spark and throttle. Gas tank capacity: 0.5 gal. Running time: 1¼ hr. at full throttle. Vibration insulation: Mounted in rubber. Starting method: Automatic rewind—nylon rope. Safety features: Automatic lock when in reverse prevents tilting. Price $140.00.

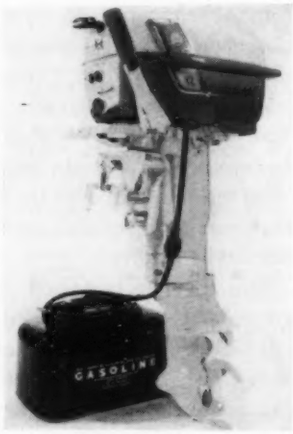
MFR., Gale Products, Division of Outboard Marine Corporation, Galesburg, Illinois.

BUCCANEER 5 HP DELUXE

Speed: Slow idle to 12 mph. Weight: 51 lbs. (less tank). Ignition: Coils and condensers are moisture-proof, rubber shrouded spark plugs. Direction: Forward-neutral-reverse gearshift (adaptable to remote control). Propeller protection: Spring overload clutch in gear-case—no shear pin necessary—fishline cutter on propeller. Controls: Synchronized spark and throttle on one twist grip control for speed and steering (adaptable to remote control). Fuel system: 4¼ gal. separate tank (extra tanks optional). Running time: 4 hrs. at full throttle. Silencing: Carburetor intake silencer and exhaust silencing, spring mounted. Starting method: Automatic rewind nylon rope. Safety features: Automatic lock when in reverse prevents tilting. Price $230.00.



MFR., Gale Products, Division of Outboard Marine Corporation, Galesburg, Illinois.

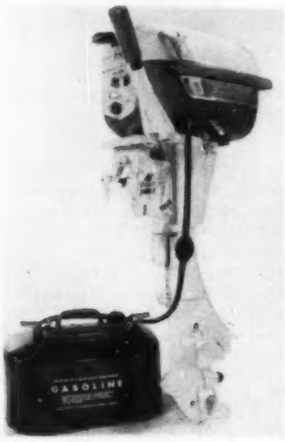


BUCCANEER 12 HP

Speed: 1½ to 22 MPH. Weight: 77.5 lbs. (less tank). Electric model: 86.5 lbs. (less tank). Ignition: Coils and condensers are moisture-proof, rubber shrouded spark plugs. Direction: Forward, neutral, reverse gearshift. Propeller protection: Rubber slip clutch in propeller, fish line cutter on propeller, shear pin. Controls: Synchronized spark and throttle on one twist grip control for speed and steering (adaptable to remote control). Idle stop prevents stalling. Gas tank capacity: 6 gal. separate tank. (Extra tanks optional.) Running time: 3 hrs. full throttle. Silencing: Carburetor intake silencer; exhaust muffler—power unit completely enclosed—rubber mounted. New for 1958 models, the rubber slip clutch for the propeller and the spring overload in the gear case eliminate the problems of shear pin replacement after the propeller runs aground or strikes an object. The resistance of impact now can hold the propeller in place while slip clutch releases to allow the motor to continue to run without damage. The other motors in the Outboard Marine line are also adopting the improvement this year. Starting method: Electric

starting 12 volt system and/or rewind with nylon rope. Safety features: Prevents motor tilting when decelerating, releases when it hits underwater object. Price, $360.

MFR., Gale Products, Division of Outboard Marine Corp., Galesburg, Ill.



BUCCANEER 25 HP

Speed: 1½ to 30 MPH. Weight: 119.5 lbs. less tank. Electric model: 130 lbs. less tank. Ignition: Coils and condensers are moisture-proof, rubber shrouded spark plugs. Direction: Forward, neutral, reverse gear shift (adaptable to remote controls). Propeller protection: Rubber slip clutch in propeller, fish line cutter on propeller, shear pin. Controls: Synchronized spark and throttle on one twist grip control. (Electric model, level control) for speed and steering (adaptable to remote control). Idle stop prevents stalling, adjusts to desired idling speed. Gas tank capacity: 6 gal. (separate tank). Extra tanks optional. Running time: 2 hrs., full throttle. Silencing: Exhaust muffler, carburetor intake silencer. Power unit completely enclosed. Rubber mounted. Starting method: Electric starting 12 volt system and/or automatic rewind with nylon rope. Safety features: Prevents motor tilting when decelerating, releases when it hits underwater object. Price $465.

MFR., Gale Products, Division of Outboard Marine Corp., Galesburg, Ill.

GAMBLE-SKOGMO

HIAWATHA 38

Two cylinder, 40.5 cu. in. motor develops 38 HP, is capable of speeds to 40 mph on suitable light hull. Available with either electric starter or manual starter. Features spring mounted powerhead, full underwater exhaust, six-gallon remote fuel tank, automatic fuel pump, twist-grip speed control, full gear shift, remote control connections and shock absorber propeller hub. Power bailer operates independently of cooling system. Weight, without electric starter, is 128 lbs. Price, $509.95, standard, $609.95, electric starting. Other Hiawatha models include a 16 HP motor, $349.95; 10 HP, $319.95; 7.5 HP, $239.95; 5 HP, $209.95; and 3.6 HP, $109.95.

DEALER, Gamble-Skogmo, Inc., 15 N. Eighth St., Minneapolis, Minn.

JOHNSON MOTORS

SEA-HORSE 3

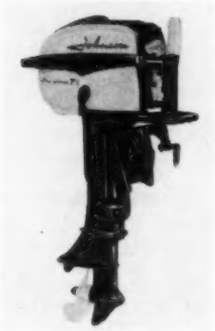
Alternate firing twin. 3 HP at 4000 rpm. Weighs 33¼ lbs. Displacement 5.28 c. i. Fuel capacity 4.88 pints. Manual starting, water cooled. Full pivot reverse, single lever speed control, integral fuel tank, intake silencer, underwater exhaust. Price, $155.

MFR., Johnson Motors, Pershing Road, Waukegan, Ill.

SEA-HORSE 5½

Alternate firing twin. 5½ HP at 4000 rpm. Weighs 56 lbs. Displacement 8.84 c.i. Fuel capacity 4¼ gal. Manual starting, water cooled. Full gear shift, remote fuel tank, intake silencer, exhaust relief silencer, sound-sealed hood. Price, $230.

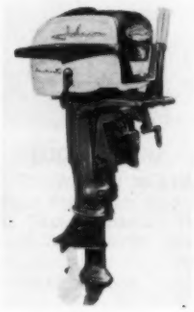
MFR., Johnson Motors, Pershing Road, Waukegan, Ill.



SEA-HORSE 7½

Alternate firing twin. 7½ HP at 4000 rpm. Weighs 59 lbs. Displacement 12.4 c.i. Fuel capacity 4¼ gal. Manual starting, water cooled. Full gear shift, remote fuel tank, suspension drive, intake silencer, underwater exhaust, exhaust relief silencer. Price, $260.

MFR., Johnson Motors, Pershing Road, Waukegan, Ill.



SEA-HORSE 10

Alternate firing twin. 10 HP at 4000 rpm. Weighs 65½ lbs. Displacement 16.6 c.i. Fuel capacity 6 gal. Manual starting, water cooled. Full gear shift, remote fuel tank, intake silencer, underwater exhaust, exhaust relief silencer. Price, $340.

MFR., Johnson Motors, Pershing Road, Waukegan, Ill.

SEA-HORSE 18 ELECTRIC

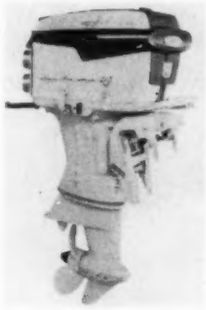
Alternate firing twin. 18 HP at 4500 rpm. Weighs 87 lbs. Displacement 22 c.i. Fuel capacity 6 gal. Manual or electric starting, water cooled. Full gear shift, remote fuel tank, intake silencer, sound sealed hood, underwater exhaust. Price, $475.

MFR., Johnson Motors, Pershing Road, Waukegan, Ill.

SUPER SEA HORSE 35

Two-cylinder, in-line motor has electric starter, silencing key lock ignition, tilt locks, fuel pump, thermostat, anti-friction bearings, lifting rings and attachments for a generator. A standard electric model and manual start model are also offered.

MFR., Johnson Motors, Pershing Road, Waukegan, Ill.



SEA HORSE 50

Four cylinder V-type engine develops 50 HP from 70.7 cubic inch displacement. Motor features two-barrel down draft carburetor, thermostatically controlled cooling system. Key switch starter, slip clutch to prevent broken drive pins, and tilt locks for trailering are also featured.

MFR., Johnson Motors, Pershing Road, Waukegan, Ill.

KIEKHAEFER CORP.

MARK 6

5.9 HP with slowest troll to 20 mph. 2 cylinders alternate firing in-line. 1¾" bore x 1½" stroke. 7.2 c.i. displacement. 3¼ gal. fuel capacity. Automatic rewind starting. Weight, 42 lbs. Max. rpm, 5000. Special features include twist-grip synchronized spark and throttle control, fold-back tiller handle for easy reverse operation.

MFR., Kiekhaefer Corp., Fond du Lac, Wis.

MARK 10

Mercury Mark 10 features super-slow trolling speeds and an estimated top speed of 26 miles per hour, throttle neutral, forward and reverse control, all on the tiller handle. New 1957 Mercury introduction in the 10 horsepower class. Its new glide-angle underwater structure slides over stumps, rocks and through thick weeds. 12 volts electric starting with generator to keep battery fully charged. Flo-Torq Propeller Drive, unbonded rubber bushing propeller drive which eliminates the need for shear pins.

MFR., Kiekhaefer Corp., Fond du Lac, Wis.

MARK 25

20 HP with slowest troll to 32 mph. 2 alternate firing in-line cylinders. 2 7/16" bore x 2⅛" stroke. 20 c.i. displacement. Fuel capacity of 6 gal. Automatic rewind starting. Weight, 75 lbs. Max. rpm, 5800. Special features include same varitimed valves as larger Mercurys. Valves operate by crankcase vacuum or pressure to provide automatically correct valve timing throughout speed range, steadier idling, easier starting.

MFR., Kiekhaefer Corp., Fond du Lac, Wis.

MARK 28

22 cubic-inch motor is designed for extreme flexibility of operation. Provides power for ski-towing or low speed operation for trolling. 15-degree tilt of powerhead is said to provide continuous drainage of unvaporized fuel, for smoother operation at idle or low speed. Features automatic one-hand control of forward-neutral-reverse shifting.

MFR., Kiekhaefer Corp., Fond du Lac, Wisc.

MARK 30

4 in-line alternate firing cylinders of 30 c.i. displacement, giving speeds to 36 mph.

Weight 110 lbs., maximum rpm 1500.

MFR., Kiekhaefer Corp., Fond du Lac, Wisc.

MARK 55

Speeds to 42 mph with 40 HP and 40 c.i. displacement. Available in electric or manual starting, weight 111 lbs. Available as well with lower racing unit. Most powerful Mercury model until this year's Mark 75.

MFR., Kiekhaefer Corp., Fond du Lac, Wisc.

MARK 58

Four cylinder, in-line engine of 44 cubic inch displacement. Incorporates "Economiser" fuel linkage, to provide a greater number of miles per gallon of fuel. Available with long shaft for 20-inch boat transoms.

MFR., Kiekhaefer Corp., Fond du Lac, Wisc.

MARK 75

Rated at 60 horsepower, this six cylinder-in-line engine is of short-stroke design, 12 volt electric starting with generator to keep battery fully charged. Flo-Torq Propeller Drive, unbonded rubber bushing propeller drive which eliminates the need for shear pins.

MFR., Kiekhaefer Corp., Fond du Lac, Wis.

MARK 78

66 cubic inch displacement motor develops 70 HP. Six cylinder, in-line pistons. Motor starts and runs in either direction, makes possible use of single lever remote control for starting, throttle, and forward-reverse shifting. Electric starter and generator are standard equipment. Slender design permits dual installation with motors only 16 inches apart, center to center. Available with 20-inch lower unit.

MFR., Kiekhaefer Corp., Fond du Lac, Wisc.

MONTGOMERY WARD & CO.

SEA KING 25

Montgomery Ward Sea King Motors this year will feature 8 outboard motors in standard, deluxe, and electric starting models, ranging in weight from 32 lbs. for the 3 HP, through 5, 12, to 25 and 35 HP models weighing 134 lbs. and delivering speeds to 33 mph at 35 HP.

DIST., Montgomery Ward & Co., Chicago, Ill.

SEA KING 35 HP

2 cylinder engine delivers 35 hp at 4500 rpm, and has piston displacement of 40.5 c.i. Engine features synchronized spark and throttle control on steering lever. Adjustable copilot control steering and forward, neutral and reverse drive. Speed, steering and drive are all adaptable to remote control. Electric starting 12 volt system and/or automatic rewind with nylon rope. Weight, 134 lbs. (less tank). Price, $585.

DIST., Montgomery Ward & Co., 618 W. Chicago Ave., Chicago, Ill.

OLIVER OUTBOARD MOTORS

OLIVER 6

Has the exclusive "Tilt-a-Matic" adjustment that permits changing of motor angle safely and easily from inside the boat, completely eliminating the need for the operator to reach around the motor behind the transom. Other features include pull starter with automatic rewind, aircraft-type Bendix Scintilla magneto, twist-grip throttle control, remote fuel tank, full forward, neutral, reverse shift, Dura-Drive lower unit, and improved silencing.

MFR., Oliver Outboard Motors, Battle Creek, Mich.

OLIVER "16"

Has optional electric starting. Full forward, neutral, reverse shift, simplified and centralized controls, fool-proof, pull-type choke, "Tip-a-Lever" carburetor adjustment, twist-grip throttle with new speed indicator that is always visible, and improved silencing accomplished primarily through precision engineering.

MFR., Oliver Outboard Motors, Battle Creek, Mich.

OLIVER 35

Features include a Bendix magneto-alternator, that provides spark, electrical power for accessories and battery recharge; automotive-type poppet valves, "Tilt-a-matic" motor angle adjustment. Colors offered include Sunset red, Riviera blue, Tahiti yellow and Beach white.

MFR., Oliver Outboard Motors, Battle Creek, Mich.

SCOTT-ATWATER

3.6 HP MODEL

1 cylinder model. Displacement 6.23 c.i. Fuel capacity 8 pts. Conventional manual starting. Weighs 36 lbs. Price, $134.00.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

5 HP MODEL

2 cylinder model. Displacement 7.48 c.i. Fuel capacity 3.5 gal., remote tank. Manual drop pawl starting. Weighs 50 lbs. Gearshift: forward, neutral, reverse. Suggested for use as a fishing motor. Has a tilt stop that provides easier handling, automatic bailer, complete gear shift and a separate fuel tank.

Price, $242.75.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

7.5 HP MODEL

2 cylinder model. Displacement 11 c.i. Fuel capacity 6 gal., remote tank. Manual drop pawl starting. Weighs 60 lbs. Gearshift: forward, neutral, reverse. Has air-intake silencer. New main adjustment, starter and idle knobs; a new carburetor silencer; automatic bailer and separate fuel tank are other features of this model. Price, $277.25.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

10 HP MODEL

2 cylinder model. Displacement 14.82 c.i. Fuel capacity 6 gal., remote tank. Manual drop pawl starting. Weighs 65 lbs. Gearshift: forward, neutral, reverse. Has air-intake silencer. Lower unit white, hoods are available in white, red, aquamarine, yellow, coral and blue. Hoods can be removed in a few seconds to change color. Scott-Atwater dealers will carry a stock of the colored hoods from which customers may select the one to match their boats. Improved carburetion; and new main adjustments, idle and starter knobs are other features of the motor, which also has a carburetor silencer, automatic bailer, complete gear shift and separate fuel tank. Price, $356.00.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

16 HP MODEL

2 cylinder model. Displacement 19.95 c.i. Fuel capacity 6 gal., remote tank. Electric starting model weighs 80 lbs., manual 65 lbs. Gearshift: forward, neutral, reverse. Has air-intake silencer. The motor has a white lower unit. Hoods are available in: red, white, aquamarine, yellow, coral and blue. Hoods can be removed in a few seconds to completely change the color scheme of the motor and match it with the boat. The hoods are made of sound-deadening fiberglass. Features an automatic bailer, complete gear shift, separate fuel tank, built-in connections for remote controls and drop-

pawl manual starter. Price, $404.50, electric-starting. $372.00, non-electric.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

22 HP MODEL

This is a 2 cylinder model. Available with either electric pushbutton starting or drop-pawl manual starter. Displacement 27.65 c.i. Electric starting model weighs 119 lbs. and manual 107 lbs. Gearshift: forward, neutral, reverse. Fuel capacity: 6 gal., remote tank. Features a new type of mounting that offsets the lower unit slightly to compensate for torque and makes steering easier; new "Double V" intakes that give smoother, faster pick-up when the throttle is advanced; new rubber-cushioned mounts, a carburetor air-intake silencer and water muffled exhaust; and a new split-blade water pump for positive cooling at all speeds. Hoods can be removed to change the color scheme of the motor to match it with the boat. The sound-deadening fiberglass hoods are available in red, yellow, aquamarine, coral, blue and white. Both models feature automatic bailer, separate fuel tank, and remote control connections. Price, $598.50, electric starting model. $478.50, non-electric.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

40 HP MODEL

Available with electric push button or manual starting. 2 cylinder model. Displacement 42.18 c.i. Fuel capacity 6 gal., remote tank. Electric starting model weighs 142 lbs. and manual 130 lbs. Gearshift: forward, neutral, reverse. Has air-intake silencer. Features fuel system utilizing a jet through which additional fuel is fed to the carburetor when the motor throttle is turned to the completely open position; the motor operates at a maximum economy setting when it is throttled back to either the cruising or "closed throttle" position. Lower units are white, and hoods are available in red, white, aquamarine, yellow, coral and blue. The hoods are interchangeable so they can be removed in a few seconds to completely change the color scheme of the motors to match the boat. Electric-starting 40 HP models have a 12 volt electrical system with a generator. Other features on standard and electric-starting models are automatic bailer, separate fuel tank and remote control connections. Price, $663.00, electric-starting model. $538.50, non-electric.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

ROYAL SCOT 40 HP

2 cylinder model. Displacement 42.18 c.i. Fuel capacity 6 gal., remote tank. Electric ignition key starting. Weighs 142 lbs. Gearshift: forward, neutral, reverse. Has air-intake silencer. Features turn-key starting that does not require priming, a "personalization plate" on which the owner's name will be engraved, and an electric fuel pump. In addition, the electric-starting 40 HP has a pearl, gray and chrome color scheme; a 12 volt battery system; built-in generator; automatic bailer; forward-reverse and neutral-shift; separate fuel tank and remote control connections. A speed control dial on the power head replaces the customary twist-grip speed control. The fuel system utilizes a jet through which additional fuel is fed to the carburetor when the motor throttle is turned to the completely open position. When the motor is throttled back to either the cruising or "closed throttle" position, the extra jet automatically is closed and the motor operates at a maximum economy setting. Price, $749.00.

MFR., Scott-Atwater Mfg. Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

FLYING SCOTT

60 HP outboard is certified at 4800 rpm. For single or twin installation. Engineering features include 3-cylinder in-line design, and off-set lower unit to compensate for torque. Also has remote, single lever gear shift and throttle control, and remotely-controlled electro-hydraulic mechanism that tilts motor for shallow water operation. Motor weighs 160 lbs., has powerhead measuring 12¾" wide and 14" high. Tilt mechanism is sold as an accessory.

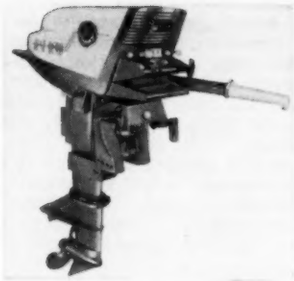
MFR., Scott-Atwater Manufacturing Co., 2901 E. Hennepin Ave., Minneapolis 13, Minn.

WEST BEND

2 HP SHRIMP

Featured as a children's motor, as an auxiliary motor for sailboats or for shallow fishing. This air-cooled 29-pounder runs two hours on its self-contained fuel and has an Indian Copper and Jamaica Tan color scheme.

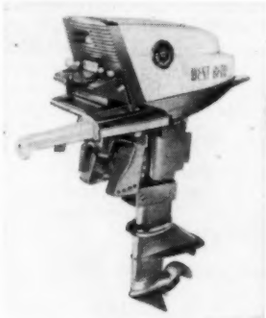
MFR., West Bend Aluminum Co., West Bend, Wis.



6 HP PIKE

2 cylinder. Displacement 10.6 c.i. Engine type, alternate firing. Rewinding rope starting. Fuel tank capacity, 36.0 pts. Operation time at full throttle, 5 hrs. Water cooling.

MFR., West Bend Aluminum Co., West Bend, Wis.



8 HP MUSKIE

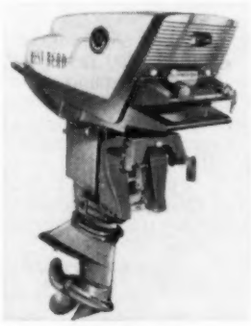
2 cylinder. Displacement 11.97 c.i. Engine type, alternate firing. Rewinding rope starting. Fuel tank capacity, 36.0 pts. Operation time at full throttle, 4 hours. Water cooling.

MFR., West Bend Aluminum Co., West Bend, Wis.

12 HP BARRACUDA

2 cylinder. Displacement 17.72 c.i. Engine type, alternate firing. Rewinding rope starting. Fuel tank capacity, 48.0 pts. Water cooling. Controls mounted full-front on dashboard.

MFR., West Bend Aluminum Co., West Bend, Wis.



35 HP SHARK

35 HP model offers automotive-type key starter ignition in electric versions, sound absorbing cover, remote control system. Offered in four versions; manual starter, electric starter, electric starter with standard generator, and electric starter with "super" alternator generator. Colors: arctic white, sun yellow, satin green, shell beige covers.

MFR., West Bend Aluminum Co., West Bend, Wisc.

WESTERN AUTO SUPPLY

WIZARD POWERMATIC 5½

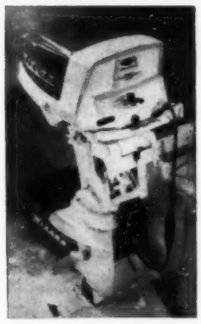
Motor develops 5½ HP at 4200 rpm, for top speed of about 15 mph. Weight is 55 lbs. Full gearshift, twist-grip throttle, and 3½ gallon remote fuel system. Choke button, carburetor adjustment knobs and rewind starter are on front panel. A 2-cylinder engine with piston displacement of 9.42 c.i. Price, $210.

MFR., Western Auto Supply Co., 2107 Grand Ave., Kansas City 8, Mo.

WIZARD POWERMATIC 15

2-cylinder engine has piston displacement of 19.94 c.i., and develops 15 HP at 4200 rpm. It has 6 gallon remote fuel system, full gear shift and weighs 75 lbs.

MFR., Western Auto Supply Co., 2107 Grand Ave., Kansas City 8, Mo.



WIZARD POWERMATIC 35

Motor develops 35 HP at 4500 rpm. Available in either manual or electric-starting model. Has full gearshift, poppet valves, Bendix-Scintilla magneto and a 6½ gallon remote fuel system. Choke button and carburetor adjustment knobs are on front panel. It is a 2-cylinder engine with piston displacement of 42.35 c.i. Prices: manual-starting model, $495; electric-starting model, $595.

MFR., Western Auto Supply Co., 2107 Grand Ave., Kansas City 8, Mo.

GASOLINE INBOARDS

ARNOLT CORP.

SEA-MITE

4 cylinder in line gas engine develops 20.2 rated HP at 2800 rpm. Produces approx. 15.8 continuous HP. Compression ratio 5.9:1; piston displacement 61 c.i. Reduction gear ratios 2:1, 3:1, 4:1. Weighs 281 lbs., with reduction gear 305 lbs. Dimensions, 16⅜"x29⅝" direct drive.

MFR., Arnolt Corp., Argonne Rd., Warsaw, Ind.

KERMATH

KERMATH SEA TWIN

Water cooled gasoline marine engine for small boats up to 30'. Develops 10-HP; a 4 cycle,

two cylinder inboard engine designed exclusively for small boats. Available with starter, generator, reverse and reduction gears if desired.

MFR., Ballantine Industries, Absecon, N. J.

BRENNAN

BRENNAN FOURS

Diminutive 4-cylinder "Imp" is a 50 cu. in. piston displacement marine engine rated at 30 hp. An innovation is the "Imp-Powerpackage" consisting of the engine and an outboard stern drive, permitting mounting of the engine close to the transom. The drive assembly eliminates shaft log, strut, propeller shaft and rudder as it steers with the propeller. Incorporates all the advantages of both inboard and outboard power. Also supplied standard in direct drive and 2:1 reduction. Weight, direct drive, 160 lbs. Overall length, 26". Features oil cooling, and high compression combustion chamber. Also available in 4-cylinders is the Fisherman-Four rated at 50-75 hp.

MFR., Brennan Motor Manufacturing Co., 115 S. Townsend St., Syracuse 2, N. Y.

BRENNAN SIXES

Heading the line is the new Model 175. 6 cylinders develop 200 hp with a piston displacement of 308 cu. in., and a compression ratio of 7.5:1. The power plant weighs from 800 to 900 lbs., and is offered with both manual and reversing hydraulic clutch. Two custom built marine engines of 415 and 500 cu. in. piston displacement, carrying ratings to 175 hp, are available in the Deluxe Six series. For larger yachts the Brennan line includes two sixes with overhead cam construction. These have a piston displacement of 620 and 765 cu. in. for yachtsmen who need a lightweight (1500 lbs.) 200 or 250 hp marine engine.

MFR., Brennan Manufacturing Co., 115 S. Townsend St., Syracuse 2, N. Y.

BRITISH MARINE

1958 STUART 2-CYCLE GASOLINE ENGINES

Line now includes an 8 hp twin cylinder engine designed for use as sailboat auxiliary engine. It has triple-port system for automatic intake, compression and exhaust operations. 2-stroke cycle mixes lubricating oil with fuel to eliminate oil sump and necessity of oil flushing and changing. Uses magneto ignition. New line also includes 1½ and 4 hp single cylinder engines, which have same features. The two-cycle, two-cylinder base engine (equivalent to 4-cycle, 4-cylinder engines) weighs 268 lbs. Optional equipment includes installation equipment, stern gear, electric starting, reduction gear auxiliary generator, and shaft, propeller, stuffing box and bearings.

MFR., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

STUART 2-CYCLE ENGINE MODEL P55ME

Suitable for auxiliaries up to 50', this engine has a coupled throttle and clutch, giving one-hand control for easy maneuvering. With electric starting, generator, and reverse and reduction gears available.

MFR., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

CHRIS-CRAFT CORP.

B SERIES

4 cylinder in line gas engine. Develops 51 cruising HP at 2500 rpm, fuel consumption 4.1 gal. per hour. 60 rated HP at 3200 rpm, fuel consumption 5.4 gal. per hour. Compression ratio 6.78:1. Displacement 132.7 c.i. Either direct drive or reduction gear, ratios 2:1 and 3:1. Weighs 465 lbs., with reduction gear 495 to 505 lbs. Height, 13". Length, 33 9/32". Full length water jacket. Cam ground aluminum pistons. Replaceable type bearings. Price, from $840.

MFR., Chris-Craft Corp., Algonac, Mich.

A

4 cylinder in line gas engine. Develops 51 cruising HP at 2500 rpm, fuel consumption 4.1 gal. per hour. 60 rated HP at 3200 rpm, fuel consumption 5.4 gal. per hour. Compression ratio 6.78:1. Displacement 132.7 c.i. Direct drive. Weighs 465 lbs. Height, 13". Length, 33 9/32". Full length water jacket. Cam ground aluminum pistons. Replaceable type bearings. Price, $699.

MFR., Chris-Craft Corp., Algonac, Mich.

KL SERIES

6 cylinder in line gas engine. Develops 90 cruising HP at 2500 rpm, fuel consumption 6.8. gal. per hour. 105 rated HP at 3800 rpm, fuel consumption 8.9 gal. per hour. Compression ratio 7.40:1. Displacement 236.6 c.i. Either direct drive or reduction gear, ratios 1½:1 and 2:1. Weighs 695 lbs., with reduction gear, 760 lbs. Height, 14 13/32". Length, 40". Crankshaft dynamically balanced and counterweighted. High turbulence cylinder head. Large capacity oil pump. High ratio reverse gear. Price: from $1278.

MFR., Chris-Craft Corp., Algonac, Mich.

K SERIES

6 cylinder in line gas engine. Develops 80.5 cruising HP at 2500 rpm, fuel consumption 6.20 gal. per hour. 95 rated HP at 3200 rpm, fuel consumption 8.6 gal. per hour. Compression ratio 7.21:1. Displacement 229.7 c.i. Either direct drive or reduction gear, ratios 1½:1 and 2:1. Weighs 660 lbs., with reduction gear 720 lbs. Height, 14". Length, 40". Dynamically balanced crankshaft. Enclosed generator. Water jacketed exhaust manifold. Grade "A" Swedish Steel valve springs. Price, from $1109.

MFR., Chris-Craft Corp., Algonac, Mich.

M SERIES

6 cylinder in line gas engine. Develops 110 cruising HP at 2400 rpm, fuel consumption 8.4 gal. per hour. 130 rated HP at 3000 rpm, fuel consumption 11.7 gal. per hour. Compression ratio 6.95:1. Displacement 320.4 c.i. Either direct drive or reduction gear, ratios 1½:1 and 2:1. Weighs 880 lbs., with reduction gear 950 to 970 lbs. Height, 15¾", Length, 46 3/16". Full length water jacket. Oil tempered cadmium plated valve springs. Heavy duty distributor. Price, from $1536.

MFR., Chris-Craft Corp., Algonac, Mich.

KFL

6 cylinder in line gas engine. Develops 110 cruising HP at 3000 rpm, fuel consumption 7.0 gal. per hour. 131 rated HP at 3800 rpm, fuel consumption 9.2 gal. per hour. Compression ratio 7.40:1. Displacement 236.6 c.i. Direct drive. Weight, 725 lbs. Height, 14 13/32". Length, 40". High lift camshaft. Two updraft carburetors. Anodized heat treated, heavy-duty pistons. Price, $1360.

MFR., Chris-Craft Corp., Algonac, Mich.

WB SERIES

6 cylinder in line gas engine. Develops 175 cruising HP at 2600 rpm, fuel consumption 10.9 gal. per hour. 200 rated HP at 3200 rpm, fuel consumption 14.8 gal. per hour. Compression ratio 6.92:1. Displacement 404.3 c.i. Either direct drive or reduction gear, ratios 1½:1, 2:1, 2½:1. Weighs 1260 lbs., with reduction gear 1350 to 1375 lbs. Height 16⅝", Length 53 7/16". Two updraft carburetors. Replaceable shelf type main and connecting rod bearings. Diaphragm type fuel pump. Valve rotators for exhaust valve. Price, from $2429.

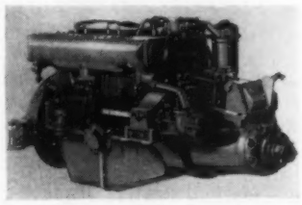
MFR., Chris-Craft Corp., Algonac, Mich.

MCL SERIES

6 cylinder in line gas engine. Develops 151 cruising HP at 2800 rpm, fuel consumption 9.2 gal. per hour. 175 rated HP at 3400 rpm, fuel consumption 12.3 gal. per hour. Compression ratio 7.22:1. Displacement 339.2 c.i. Either direct drive or reduction gear, ratio 1½:1 and 2:1. Weighs 940 lbs., with reduction gear 1025 to 1045 lbs. Height, 15¾". Length, 46 3/16". Two updraft carburetors, with flame arrestors. Dynamically balanced and counterweighted crankshaft. Valve rotators for exhaust valves. Price, from $1893.

MFR., Chris-Craft Corp., Algonac, Mich.

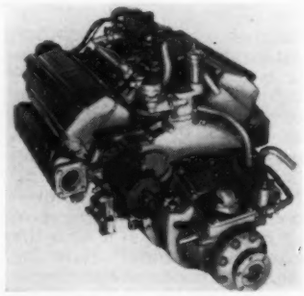
CHRYSLER CORP.



MAJESTIC M49-3

6 cyl. Develops 160 HP at 3000 rpm. Displacement 413.0 c.i. Length overall, 58⅝"; width 26 13/16". Weight 1369 lbs.

MFR., Chrysler Corp., Marine & Industrial Engine Div.



ROYAL SPECIAL M44S-3

8 cyl. Develops 155 HP at 3800 rpm. Displacement 270.0 c.i. Length overall, 41½"; width 32½". Weight 966 lbs.

MFR., Chrysler Corp., Marine & Industrial Engine Div.

IMPERIAL SPECIAL M45S-3

8 cyl. Develops 225 HP at 3800 rpm. Displacement 354 c.i. Length overall, 45 1/16"; width 32½".

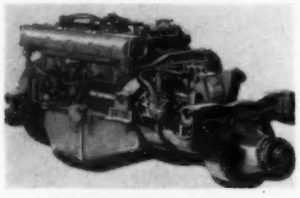
MFR., Chrysler Corp., Marine & Industrial Engine Div.

ACE M46-3

6 cyl. Develops 95 HP at 3200 rpm. Displacement 230.0 c.i. Length overall, 43⅝"; width, 22½". Weight 734 lbs. Vee drives on all models have been redesigned this year and capacity increased. Vee drives are available in 1.13, 1.42, or 2.05 to 1 reduction. Reduction gears are available in 1.43, 2.04, 2.56, 3.17 or 3.95 to 1 reduction; with four different mounting

positions, up, down, left or right.

MFR., Chrysler Corp., Marine & Industrial Engine Div.



CROWN M47-3

6 cyl. Develops 125 HP at 3600 rpm. Displacement 265.0 c.i. Length overall, 45⅞"; width, 22½". Weight 814 lbs.

MFR., Chrysler Corp., Marine & Industrial Engine Div.

ACE SPECIAL M46S-3

6 cyl. Develops 110 HP at 3600 HP. Displacement 230.0 c.i. Length overall, 43⅝"; width, 22½". Weight 751 lbs.

MFR., Chrysler Corp., Marine & Industrial Engine Div.

CROWN SPECIAL M47S-3

6 cyl. Develops 135 HP at 3600 rpm. Displacement 265.0 c.i. Length overall, 45⅞"; width, 28". Weight 822 lbs.

MFR., Chrysler Corp., Marine & Industrial Engine Div.

IMPERIAL M45SP-3

8 cyl. Develops 275 HP at 4400 rpm. Displacement 354.0 c.i. Length overall, 45 1/16"; width, 32½". Weight 1071 lbs.

MFR., Chrysler Corp., Marine & Industrial Engine Div.

DEARBORN MARINE ENGINES

DEARBORN INTERCEPTOR

Range of 125, 150, 165, 185 and 215 HP models. An interceptor engine weighs 625 lbs. Short stroke high efficiency engines, with compression ratios to 9.4, and operating speeds of 4,000 rpm. The moisture-proof, 12 v electrical system includes a fully enclosed starter and generator.

MFR., Dearborn Marine Engines, Inc., 31465 Stephenson Hwy., Royal Oak, Mich.

FLAGSHIP MARINE ENGINE CORP.

4-CYLINDER FLAGSHIP MARINE ENGINE

Develops a full 66 HP at 3200 rpm. Has 3¼" bore with 4" stroke. This model is 31⅜" overall with width of 23", height above centerline, 14¼". 3 main bearings and mounted on rubber. Compression ratio, 6.8 to 1. Weight, 475 lbs. Available with Paragon reverse gear in direct drive models only. 12 v ignition and starter.

MFR., Flagship Marine Engine Corp., Baltimore 22, Md.

FLAGSHIP 6-CYLINDER—100

100 HP Marine Engine delivers full rated power at 3200 rpm. This L head, vertical-type engine has 229 c.i. block, a 7.35 to 1 compression ratio, bore of 3 7/16" and stroke of 4⅛". Rubber mounted, 7 main bearings. Direct drive model weighs 626 lbs. 12 v ignition and starter, Flagship 6/100 is available in right and left hand rotations, ideal for matched twin installations.

MFR., Flagship Marine Engine Corp., Baltimore 22, Md.

FLAGSHIP 6-CYLINDER—138

320 c.i. model developing 136 HP at 3000 rpm, full 149 HP at 3400 rpm. 4" bore and 4½" stroke of model is coupled with 7 bearing crankshaft giving smooth operation. 7.75 to 1 compression ratio provides high HP per c.i. ratio. Overall length 46" with maximum width or 24¾", 20" height above crankshaft, depth below crankshaft, 12". Weight, 800 lbs. with direct drive, available right or left hand rotation, and 2:1 reduction gear. Large oil supply provides full 13 qts. at 3° of tilt and sufficient supply for angle installation as high as 16°. Equipped with Zenith down draft carburetor specially designed to carry overflow of gas back into intake manifold. Ignition and starter, 12 v. Hydraulic shifting makes it ideal for large cruiser use.

MFR., Flagship Marine Engine Corp., Baltimore 22, Md.

FLAGSHIP V-8 220

Develops 220 HP at 4800 rpm, and has 7.5:1 compression ratio, with total displacement of 283 cu. in. Features include 12 volt ignition, gear driven distributor, electric fuel pump and mechanically driven positive-displacement type water pump. Length, 36½" including reverse gear; width, 24½", height, 29"—9½" below center line of crankshaft. Standard direct drive, heavy-duty manual shift, hydraulic control direct and 2:1 reduction optional; other reductions are available on request.

MFR., Flagship Marine Engine Corp., Baltimore 22, Md.

FLAGSHIP V-8 240

Develops 240 HP at 4800 rpm with 9.25:1 compression ratio, with total displacement of 283 cu. in. 36½" long including reverse gear; 24½" wide and 29" long—9½" below center line of crankshaft. Features include 12 volt ignition, gear driven distributor, electric fuel pump and mechanically driven, positive-displacement type water pump. Available with direct drive heavy-duty manual shift, hydraulic control direct and 24½"; height, 29"—9½" below reductions are available on request.

MFR., Flagship Marine Engine Corp., Baltimore 22, Md.

FLAGSHIP V-8 300

Delivers 300 HP at 4800 rpm, has 9.25:1 compression ratio and total displacement of 283 cu. in. Model has 12 volt ignition, gear driven distributor, electric fuel pump and mechanically driven, positive-displacement type water pump. Available with direct drive heavy-duty manual shift, hydraulic control direct and 2:1 reduction optional; other reductions are available on request. Length, 36½" including reverse gear; width, 24½", and height, 29"—9½" below center line of crankshaft.

MFR., Flagship Marine Engine Corp., Baltimore 22, Md.

GRAY MARINE

FOUR-85

Four-cylinder in line engine delivers 85 HP at 4000 rpm. Available with direct drive, it has piston displacement of 162 cu. in. Height, 21½"; length, 34½", and weight, 540 lbs. Counterweighted crankshaft and plate-type oil cooler are standard equipment. Price, $1,077.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

FOUR-112

Four-cylinder in line engine has rated cruising horsepower of 31 at 2200 rpm, and piston displacement of 112 cu. in. Available direct drive or reduction gear of 2:1. Height, 19½"; length, 30½"; weight, 390 lbs., with reduction gear, 420 lbs. Price, $893 (direct drive, manual).

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

SEA SCOUT-91

4 cylinder in line gas engine. Develops 25 HP at 2000 rpm. Displacement 91 c.i. Available with or without reduction gear, ratio 2:1. Weight 390 lbs., with reduction gear 420 lbs. Height 19½" OA. Length 30½". Price, $819.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

FOUR-45

4 cylinder in line gas engine. Develops 45 HP at 3600 rpm. Displacement 91 c.i. Weight 390 lbs. Height 19½" OA. Length 30½". Price, $857.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 620

4 cylinder in line gas engine. Develops 60 HP at 3200 rpm. Displacement 140 c.i. Available with or without reduction gear, ratios 1.5:1, 2:1. Weight 525 lbs., with reduction gear 620 lbs. Height 21½" OA. Length 33". Hydraulic reverse available. Price, $846.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

FOUR-162

4 cylinder in line gas engine. Develops 63 HP at 3000 rpm. Displacement 162 c.i. Available with or without reduction gear, wide range of ratios. Weight 565 lbs., with reduction gear 620 lbs. Height 21½" OA. Length 34½". Hydraulic reverse available. Price, $1,162.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

FIREBALL FOUR-90

4 cylinder in line gas engine. Develops 90 HP at 4000 rpm. Displacement 162 c.i. Weight 540 lbs. Height 27" OA. Length 34½". Price, $1,157.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

FOUR-75

4 cylinder in line gas engine. Develops 75 HP at 3600 rpm. Displacement 162 c.i. Weight 540 lbs. Height 21½" OA. Length 34½". Hydraulic reverse available. Price, $1,077.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 70

4 cylinder in line gas engine. Develops 70 HP at 3400 rpm. Displacement 162 c.i. Available with or without reduction gear, ratios 1.5:1, 2:1. Weight 565 lbs., with reduction gear 620 lbs. Height 21½" OA. Length 33". Hydraulic reverse available. Price, $896.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 175

6 cylinder in line gas engine. Develops 175 HP at 3400 rpm. Displacement 363 c.i. Available with or without reduction gear, wide range of ratios. Weight 1,070 lbs., with reduction gear 1,250 lbs. Height 26". Length 49". Hydraulic reverse available. Price, $2,078.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 185

6 cylinder in line gas engine. Develops 185 HP at 3400 rpm. Displacement 427 c.i. Available with or without reduction gear, wide range of ratios. Weight 1,245 lbs., with reduction gear 1,380 lbs. Height 27½". Length 53½". Hydraulic reverse available. Price, $2,771.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 200

6 cylinder in line gas engine. Develops 200 HP at 3400 rpm. Displacement 427 c.i. Available with or without reduction gear, wide range of ratios. Weight 1,250 lbs., with reduction gear 1,380 lbs. Height 27½". Length 53½". Hydraulic reverse available. Price, $2,859.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 165

6 cylinder in line gas engine. Develops 165 HP at 3400 rpm. Displacement 363 c.i. Available with or without reduction gear, wide range of ratios. Weight 1,050 lbs., with reduction gear 1,250 lbs. Height 26" OA. Length 49". Hydraulic reverse available. Price, $1,988.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 109

6 cylinder in line gas engine. Develops 109 HP at 3400 rpm. Displacement 226 c.i. Available with or without reduction gear, ratios 1.5:1, 2:1. Weight 660 lbs., with reduction gear 775 lbs. Height 21½" OA. Length 41". Hydraulic reverse available. Price $1,187.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 116

6 cylinder in line gas engine. Develops 116 HP at 3600 rpm. Displacement 226 c.i. Height 25½" OA. Length 41". Hydraulic reverse available. Price, $1,226.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 118

6 cylinder in line gas engine. Develops 118 HP at 3600 rpm. Displacement 226 c.i. Weight 675 lbs. Height 21" OA. Length 40½". Hydraulic reverse available. Price, $1,279.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 120

6 cylinder in line gas engine. Develops 120 HP at 3600 rpm. Displacement 244 c.i. Available with or without reduction gear, ratios 1.5:1, 2:1. Weight 815 lbs., with reduction gear 915 lbs. Height 23" OA. Length 43½". Hydraulic reverse available. Price, $1,398.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 136

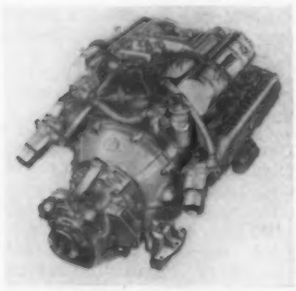
6 cylinder in line gas engine. Develops 136 HP at 3600 rpm. Displacement 244 c.i. Available with or without reduction gear, ratios 1.5:1, 2:1. Weight 825 lbs., with reduction gear 915 lbs. Height 23" OA. Length 43½". Hydraulic reverse available. Price, $1,445.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MODEL 150

6 cylinder in line gas engine. Develops 150 HP at 3400 rpm. Displacement 330 c.i. Available with or without reduction gear, wide range of ratios. Weight 1,050 lbs., with reduction gear 1,250 lbs. Height 26" OA. Length 48½". Hydraulic reverse available. Price, $1,782.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.



160 FIREBALL V-8

24½"x44" (direct drive), weight, 795 lbs., with reduction gear, 860 lbs. 8 cylinder Vee engine is rated 160 HP at 4000 rpm, and has compression ratio of 8.68:1, with piston displacement of 250 cu. in. Available with direct drive or reduction gear ratios of 1.5:1 and 2:1 hydraulic. Features new Warner hydraulic gear, Gray adjustable rubber mounts, top-of-engine servicing, and positive displacement pump cooling each cylinder bank separately.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

225 FIREBALL V-8

Eight-cylinder V-type engine delivers 225 HP at 4400 rpm, has compression ratio of 9:1 and piston displacement of 327 cu. in. Available with direct drive or reduction gear of 1.5:1; 2:1; 2.5:1, and 3:1. Height, 24½"; length, 44" (direct drive); weight, 795 lbs.; reduction gear, 860 lbs. Model features new "Velvet Drive" hydraulic gear and Gray "Quick-Align" adjustable rubber mounts. Oil and spark plug servicing handled on top of engine. Positive displacement pump cools each cylinder bank separately and evenly. Price, $1,899.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MICHIGAN MARINE MOTORS

MICHIGAN MOTORS

Senior Twin, a 2 cylinder, 4 cycle inboard, delivers 15 HP at 2,000 rpm. Jr. Four, weighing 300 lbs., gives 25 HP in small runabouts and auxiliaries. Senior Four has 60 HP, and Senior Six has 95 HP at 3200 rpm.

MFR., Michigan Marine Motor Co., Coldwater, Michigan.

NORSEMAN MARINE

ELF

18¾"x26 3/16", weight, 314 lbs. 4 cylinder in-line engine rated 23 HP at 3000 rpm, with piston displacement of 65 c.i. Available with direct drive.

MFR., Norseman Marine, 105 Nevada St., Oshkosh, Wis.

COLT

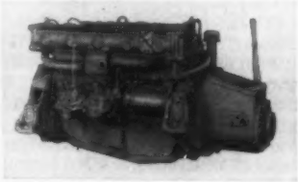
23"x31 9/32"; weight, 456 lbs., with reduction gear, 480 lbs. 4 cylinder in-line engine rated 60 HP at 3200 rpm, with piston displacement of 133 c.i. Available direct drive or reduction gear ratio of 2:1.

MFR., Norseman Marine, 105 Nevada St., Oshkosh, Wis.

ARROW

23 3/16"x45⅝"; weight, 780 lbs., with reduction gear, 890 lbs. 6 cylinder in-line engine delivers 95 HP at 3200 rpm, with piston displacement of 230 c.i. Available direct drive or reduction gear ratios of 1.88:1 and 2.44:1. Features heavy-duty "Sta-Nu-Tral" reverse gear and standard or opposite rotation.

MFR., Norseman Marine, 105 Nevada St., Oshkosh, Wis.



BLUEFIN

23 3/16"x41 9/16"; weight, 714 lbs.; with reduction gear, 760 lbs. 6 cylinder in-line engine rated 105 HP at 3400 rpm. Piston displacement of 230 c.i., available direct drive or reduction gear. Ratios of 1.5:1 and 2:1. Features include hydraulic reverse gear and standard or opposite rotation. Also available, integral V-drive. U-drive.

MFR., Norseman Marine, 105 Nevada St., Oshkosh, Wis.

BULLET

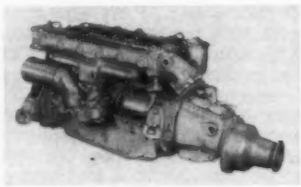
23 3/16"x41 9/16"; weight, 744 lbs.; reduction gear, 790 lbs. 6 cylinder in-line engine of 110 HP at 3400 rpm, and piston displacement of 240 c.i. Available direct drive or reduction gear ratios of 1.5:1 and 2:1. Features hydraulic reverse gear and standard or opposite rotation.

MFR., Norseman Marine, 105 Nevada St., Oshkosh, Wis.

MARLIN

24⅞"x49½"; weight, 920 lbs.; reduction gear, 1060 lbs. 6 cylinder in-line engine of 110 HP at 2500 rpm, and piston displacement of 320 c.i. Available direct drive or reduction gear ratios of 1.88:1; 2.44:1; 3.32:1 and 4.12:1. 12 volt electrical system. Has heavy-duty "Sta-Nu-Tral" reverse gear and standard or opposite rotation.

MFR., Norseman Marine, 105 Nevada St., Oshkosh, Wis.



TARPON

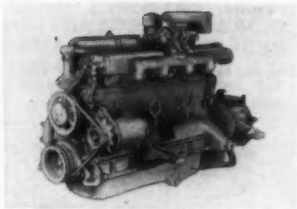
24⅞"x45 21/32"; weight, 908 lbs.; with reduction gear, 960 lbs. Delivers 130 HP at 3000 rpm. 6 cylinder in-line engine has piston displacement of 320 c.i. Available direct drive or reduction gear ratios of 1.5:1; 2:1 and 2.5:1. 12 volt electrical system, hydraulic reverse gear and standard or opposite rotation.

MFR., Norseman Marine, 105 Nevada St., Oshkosh, Wis.

OSCO MOTORS CORP.

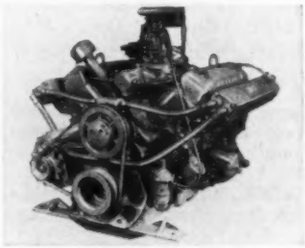
OSCO-FORD 6130

85 HP at 2800 rpm, using 5.6 gallons per hour. 142 HP at



4000 rpm, using 8.7 gallons per hour. 6 cylinder in-line engine has 7.8:1 compression ratio and piston displacement of 223 c.i. Available direct drive or reduction gear ratios of 1.5:1, 2:1 and 3:1. Height, 29¾", length, 46¼" to 53¾", weight, 668 lbs.; with reduction gear, 699 to 748 lbs. Has overhead valves, "Circuit-Flo" preheating manifolding, unitized ball bearing water pump. Price, $1,041.80.

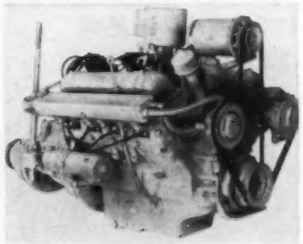
MFR., Osco Motors Corp., Philadelphia 40-P, Pa.



OSCO-FORD 8155

105 HP at 2800 rpm, using 6.6 gallons per hour, 160 HP at 4000 rpm, with fuel consumption of 9.9 gallons per hour. 8 cylinder V engine has compression ratio of 7.2:1 and piston displacement of 272 c.i. Direct drive or reduction gear ratios of 1.5:1, 2:1, 2.5:1 and 3:1. Height, 30⅛"; length, 42½" to 50⅛", weight 801 lbs., with reduction gear, 845 to 891 lbs. Features overhead valves, high ported "Circuit-Flo" preheating manifolding, hydraulic reversing gear optional, unitized single ball bearing water pump. Price, $1,183.

MFR., Osco Motors Corp., Philadelphia 40-P, Pa.



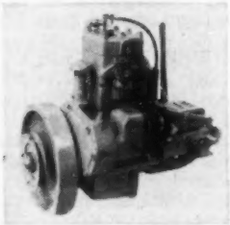
OSCO FORD 8190

130 HP at 2800 rpm using 8.7 gallons per hour. 190 HP at 4000 rpm with fuel consumption of 12.2 gallons per hour. 8 Cylinder V-8 engine has compression ratio of 7.5:1 and piston displacement of 332 c.i. Available in direct drive or reduction gear ratios of 1.5:1, 2:1, or 3:1. Features overhead valves, "Circuit-Flo" preheating manifold with high ports, downdraft carburetor. Height, 35", length, 46¼". Weight, 936 lbs. With reduction gear, 990-1021 lbs. Opposed

rotation optional. Price, $1801.50.

MFR., Osco Motors Corp., Philadelphia 40-P, Pa.

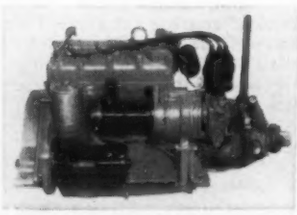
PALMER ENGINES



BABY HUSKIE 25

Single Cylinder, four-cycle, water-cooled, heavy duty engine with displacement of 25 c.i. Engine develops 6 HP at 2500 rpm. Models weigh 130 and 185 lbs.

MFR., Palmer Engine Co., Cos Cob, Conn.



IH-60

Model uses International Harvester "Cub" tractor block, has extra-heavy counter-balanced crankshaft, cast-in oil filter cooler and oversize reverse and reduction gear. Can be furnished with low compression cylinder head and heavy flywheel to develop 16 HP at 2400 rpm. In high compression version, engine develops 22 HP at 3000 rpm. It has a displacement of 60 c.i., and weighs 350 lbs., straight drive and 380 lbs. with reduction gear.

MFR., Palmer Engine Co., Cos Cob, Conn.

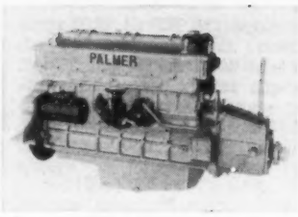
PH-134

A light, 4-cylinder, high speed gas engine which develops 60 HP at 3200 rpm. Designed to power small, fast hulls and yet be rugged enough for heavy duty service in straight drive or with reduction gear. Has 134 c.i. displacement. Manifold features fully jacketed runners to eliminate heat stresses, and model is equipped with oversize clutch and reduction gear. 31½" long, 24½" wide and 13½" above the engine bed. Weighs 460 lbs., straight drive, and 520 lbs. with reduction gear.

MFR., Palmer Engine Co., Cos Cob, Conn.

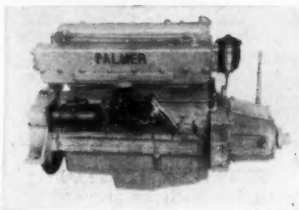
IH-240 & IH-264

Engines are based on International Harvester "Black Diamond" overhead valve truck



engine. Water jackets surround each cylinder barrel to eliminate heat stresses when engine operates at high rpm. Oversized, counter-balanced crankshaft and life-long fully-jacketed manifold. Can be equipped with a full line of accessory equipment and reduction gears; both manual and hydraulic. Model IH-240 develops 120 HP at 3400 rpm, with 240 c.i. piston displacement. Model IH-264 develops 135 HP at 3400 rpm, and has displacement of 264 c.i. Both engines are 19½" high, 46" long, and weigh 850 lbs. straight drive, 900 lbs. with reduction gear.

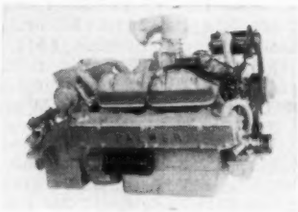
MFR., Palmer Engine Co., Cos Cob, Conn.



IH-308

Marine engine is made from International Harvester 308 c.i. truck engine block. Develops 145 HP at 3400 rpm. Light enough for fast pleasure craft and rugged enough for commercial application; engine has cylinders surrounded by water spaces to prevent heat stresses when operating at high rpm for long periods of time. Can be furnished with complete accessories and reduction gears, both manual and hydraulic. Weight, 925 lbs. with straight drive, 975 lbs. with reduction gear.

MFR., Palmer Engine Co., Cos Cob, Conn.



IH-V-401 & IH-V-461

These engines use International Harvester big-bore, short-stroke V-8 blocks. Externally identical varying only in stroke. 401 c.i. model develops 225 HP at 3600 rpm. 461 c.i. model develops 250 HP at 3600 rpm. Dimensions are 57½" long, 33⅓" wide, 38⅝" above center line. Weight 1600 lbs., including inboard fresh water cooling and hydraulic reduction gear.

MFR., Palmer Engine Co., Cos Cob, Conn.

RED WING MARINE

METEOR 20

17½"x27$\frac{9}{16}$", weight, 265 lbs., with reduction gear, 280 lbs. 4 cylinder in line engine rated 20 hp at 3000 rpm, with fuel consumption of 1 gallon per hour. Compression ratio is 6:1, and piston displacement, 61 cu. in. Available either direct drive or reduction gear ratio of 2:1. Has 25 amp generator.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

ARROWHEAD 40

22"x35", weight, 500 lbs., with reduction gear, 540 lbs. 4 cylinder in line engine rated 40 hp at 3000 rpm, compression ratio of 6:1. Piston displacement 133 cu. in. Available either direct drive or reduction gear ratio of 2:1.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

ARROWHEAD 50

26"x41", weight 500 lbs., with reduction gear, 600 lbs. 4 cylinder in line engine rated 50 hp at 2600 rpm, with compression ratio of 6:1. Piston displacement 186 cu. in. Available either direct drive or reduction gear ratio of 2:1.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

METEOR 65

4 cylinder in line engine rated 65 hp at 3200 rpm, with compression ratio of 7:1. Piston displacement 141 cu. in. Available direct drive or reduction gear ratios of 2:1 or 3:1. Height 24⅜"; length 32⅝"; weight, 425 lbs., weight with reduction gear, 445 lbs.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

METEOR 100

Height, 22½"; length, 41"; weight 615 lbs., weight with reduction gear, 635 lbs. 6 cylinder in line engine rated 100 HP at 3300 rpm, with compression ratio of 7:1. Piston displacement 230 cu. in. Available either direct drive or reduction gear ratios of 1.5:1 to 3:1.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

METEOR 115

22½" high; 42⅛" long; weight, 625 lbs., weight with reduction gear, 645 lbs. 6 cylinder in line engine rated 115 HP at 3400 rpm, with compression ratio of 7:1. Piston displacement 237 c.i. Available either direct drive or reduction gear ratios of 1.5:1 to 3:1. Engine features seven bearing crankshaft, counter balanced crankshaft, thermostat control and oil cooler.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

METEOR 160

24"x46½", weight, 875 lbs., with reduction gear, 925 lbs. 6 cylinder in line engine rated 160 HP at 3200 rpm, with compression ratio of 7:1. Piston displacement 339 c.i. Available either direct drive or reduction gear ratios of 1.5:1 to 3:1.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

UNIVERSAL MOTOR CO.

BLUE JACKET TWIN (AFT)

2 cylinder in line gas engine. Develops 12 HP at 2200 rpm. Piston displacement 50 c.i. Drive direct. Weighs 323 lbs. Height 22$\frac{10}{16}$". Length 27$\frac{5}{16}$". Magneto ignition.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

BLUE JACKET TWIN (AFTL)

2 cylinder gas engine. Develops 12 HP at 2200 rpm. Piston displacement 50 c.i. Weighs 365 lbs. Height 22⅝". Length 28⅛". 6 volt battery ignition.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

ATOMIC FOUR

Develops 25 HP at 3500 rpm. Displacement 65 c.i. Weighs 314 lbs., with reduction drive 346 lbs. Built-in hand sump pump, lifting eye, fuel pump, shifter lever, starting button, exhaust flange, oil level gauge, built-in thrust bearing.

MFR., Universal Motor Co., Oshkosh, Wis.

ATOMIC FOUR (UJ)

4 cylinder in line gas engine. Develops 25 HP at 3500 rpm. Piston displacement 65 c.i. Drive direct. Weighs 314 lbs. Height 19". Length 26¾".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

ATOMIC FOUR (UJR)

4 cylinder in line gas engine. Develops 25 HP at 3500 rpm. Piston displacement 65 c.i. Reduction gear ratios 2:1; 3:1. Weighs 346 lbs. with reduction gear. Height 19". Length 31$\frac{5}{16}$".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

ATOMIC FOUR (UJVD)

6 cylinder in line gas engine. Develops 25 HP at 3500 rpm. Piston displacement 65 c.i. Reduction gear ratios 1:1; 1.29:1; 1.67:1; 2:1. Weighs 348 lbs. Height 19". Length 35$\frac{11}{16}$".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

UTILITY FOUR (BN)

4 cylinder in line gas engine. Develops 25 HP at 2500 rpm. Piston displacement 95 c.i. Drive direct. Weighs 415 lbs. Height 22⅛". Length 34$\frac{13}{16}$". 6 volt battery ignition.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

UTILITY FOUR (BNM)

4 cylinder in line gas engine. Develops 25 HP at 2500 rpm. Piston displacement 95 c.i. Drive direct. Weighs 372 lbs. Height 22⅛". Length 34". Magneto ignition.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

UTILITY FOUR (BNR)

4 cylinder in line gas engine. Develops 25 HP at 2500 rpm.

Piston displacement 95 c.i. Reduction gear ratio 2¼:1. Weighs 515 lbs. with reduction gear. Height 23⅜". Length 42³⁄₁₆". 6 volt battery ignition.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

UTILITY FOUR (BNMR)

4 cylinder in line gas engine. Develops 25 HP at 2500 rpm. Piston displacement 95 c.i. Reduction gear ratio 2¼:1. Weighs 482 lbs. with reduction gear. Size: 23⅜"x41⅜". Magneto ignition.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER FOUR (LSG)

4 cylinder in line gas engine. Develops 50 HP at 3000 rpm. Piston displacement 149 c.i. Weighs 582 lbs. Height 25⁹⁄₁₆". Length 39⅝".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER FOUR (LSGR)

4 cylinder in line gas engine. Develops 50 HP at 3000 rpm. Piston displacement 149 c.i. Reduction gear ratio 2¼:1. Weighs 675 lbs. with reduction gear. Height 26¹⁄₁₆". Length 47".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

UNIMITE FOUR

Develops 65 HP at 3400 rpm. Displacement 141 c.i. Weighs 450 lbs., with reduction drive 480 lbs. Built-in hand pump, rubber mountings, fuel pump, shift lever, exhaust flange, propeller shaft coupling, starting button, lifting eye, spark plugs, tachometer connection, built-in thrust bearing, oil level gauge.

MFR., Universal Motor Co., Oshkosh, Wis.

UNIMITE FOUR (HF)

4 cylinder in line gas engine. Develops 65 HP at 3400 rpm. Piston displacement 141 c.i. Weighs 450 lbs. Height 21¾". Length 31¹¹⁄₁₆".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

UNIMITE FOUR (HFR)

4 cylinder in line gas engine. Develops 65 HP at 3400 rpm. Piston displacement 141 c.i. Reduction gear ratios 2:1; 3:1. Weighs 480 lbs. with reduction gear. Height 21¾". Length 36¹³⁄₁₆".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

UNIMITE FOUR (HFVD)

4 cylinder V-drive gas engine. Develops 65 HP at 3400 rpm. Piston displacement 141 c.i. Gear ratios 1:1; 1.29:1; 1.67:1; 2:1. Weighs 499 lbs. Height 21¾". Length 40¾".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

EXPLORER SIX (OK)

6 cylinder in line gas engine. Develops 95 HP at 3200 rpm. Piston displacement 230 c.i. Weighs 684 lbs. Height 23⅝". Length 40⅝". Manual Reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

EXPLORER SIX (OKR)

6 cylinder in line gas engine. Develops 95 HP at 3200 rpm. Piston displacement 230 c.i. Reduction gear ratio 1½:1; 2:1; 2½:1; 3:1. Weighs 727 lbs. with reduction gear. Height 23⅝". Length 47⅝". Manual reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

EXPLORER SIX (OKH)

6 cylinder in line gas engine. Develops 95 HP at 3200 rpm. Piston displacement 230 c.i. Weighs 738 lbs. Height 23⅝". Length 42⅝". Hydraulic reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

EXPLORER SIX (OKHR)

6 cylinder in line gas engine. Develops 95 HP at 3200 rpm. Piston displacement 230 c.i. Reduction gear ratio 1½:1; 2:1; 2½:1; 3:1. Weighs 786 lbs. with reduction gear. Height 23⅝". Length 50⅛". Hydraulic reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

OKVD AQUA-PAK

Develops 100 HP. V-Drive Engine.

MFR., Universal Motor Co., Oshkosh, Wis.

EXPLORER SIX (OKVD)

6 cylinder V-drive gas engine. Develops 100 HP at 3200 rpm. Piston displacement 230 c.i. Reduction gear ratios 1:1; 1.5:1; 2:1; 3:1. Weighs 778 lbs. with reduction gear. Height 23⅝". Length 50⅝".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

MASTER SIX (OL)

6 cylinder in line gas engine. Develops 105 HP at 3200 rpm. Piston displacement 237 c.i. Weighs 698 lbs. Height 23⅝". Length 40⅝". Manual Reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

MASTER SIX (OLR)

6 cylinder in line gas engine. Develops 105 HP at 3200 rpm. Piston displacement 237 c.i. Reduction gear ratio 1½:1; 2:1; 2½:1; 3:1. Weighs 741 lbs. with reduction gear. Height 23⅝". Length 47⅝". Manual reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

MASTER SIX (OLH)

6 cylinder in line gas engine. Develops 105 HP at 3200 rpm. Piston displacement 237 c.i. Weighs 752 lbs. Height 23⅝". Length 42⅝". Hydraulic Reversing Gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

MASTER SIX (OLHR)

6 cylinder in line gas engine. Develops 105 HP at 3200 rpm. Piston displacement 237 c.i. Reduction gear ratio 1½:1; 2:1; 2½:1; 3:1. Weighs 800 lbs. with reduction gear. Height 23⅝". Length 50⅛". Hydraulic reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZS)

6 cylinder in line gas engine. Develops 130 HP at 2800 rpm. Piston displacement 340 c.i. Weighs 890 lbs. Height 27³⁄₁₆". Length 44⅝". Manual reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZSR)

6 cylinder in line gas engine. Develops 130 HP at 2800 rpm. Piston displacement 340 c.i. Reduction gear ratio 1.5:1; 2:1; 3:1. Weighs 970 lbs. with reduction gear. Height 27³⁄₁₆". Length 53⅛". Manual reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZSH)

6 cylinder in line gas engine. Develops 130 HP at 2800 rpm. Piston displacement 340 c.i. Weighs 935 lbs. Height 27³⁄₁₆". Length 45⁵⁄₁₆". Hydraulic Reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZSHR)

6 cylinder in line gas engine. Develops 130 HP at 2800 rpm. Piston displacement 340 c.i. Reduction gear ratios 1.5:1; 2:1. Weighs 1015 lbs. with reduction gear. Height 27³⁄₁₆". Length 54⅜". Hydraulic reversing gear.

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZSVD)

6 cylinder V-drive gas engine. Develops 130 HP at 2800 rpm. Piston displacement 340 c.i. Reduction gear ratios 1:1, 1.5:1, 2:1, 3:1. Weighs 1022 lbs. Height 27³⁄₁₆". Length 57".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX 145

Develops 145 HP at 3200 rpm. Displacement 340 c.i. Built-in hand sump pump, shifter lever, exhaust flange, shaft coupling, spark plugs, fuel pump, tachometer take-off, lifting eye, oil cooler, starting button, built-in thrust bearing oil level gauge.

MFR., Universal Motor Co., Oshkosh, Wis.

SUPER SIX (Z)

6 cylinder in line gas engine. Develops 145 HP at 3200 rpm. Piston displacement 340 c.i. Reduction gear ratios 1.5:1; 2:1; 3:1. Height 44⅝".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZH)

6 cylinder in line gas engine. Develops 145 HP at 3200 rpm. Piston displacement 340 c.i. Weighs 935 lbs. Height 27³⁄₁₆". Length 45⁵⁄₁₆".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZR)

6 cylinder in line gas engine. Develops 145 HP at 3200 rpm. Piston displacement 340 c.i. Reduction gear ratios 1.5:1; 2:1; 3:1. Weighs 970 lbs. with reduction gear. Height 27³⁄₁₆". Length 53⅛".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZHR)

6 cylinder in line gas engine. Develops 145 HP at 3200 rpm. Piston displacement 340 c.i. Reduction gear ratios 1.5:1; 2:1. Weighs 1015 lbs. with reduction gear. Height 27³⁄₁₆". Length 54⅛"

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

SUPER SIX (ZVD)

6 cylinder in line gas engine. Develops 145 HP at 3200 rpm. Piston displacement 340 c.i. Weighs 1022 lbs. with reduction gear. Height 27³⁄₁₆". Length 57".

MFR., Universal Motor Co., 186 Harrison St., Oshkosh, Wis.

TROLLKING

Inboard marine engine, for fresh or salt water. 6.3 HP air-cooled, 4-cycle engine, forward, neutral and friction reverse drive. Price, $235.

MFR., Williams Marine Co., Inc., Lansing, Mich.

TROLLCRUISER

Inboard marine engine, for fresh or salt water. 9 HP air-cooled, 4-cycle engine, marine gear box with double clutch. Price, $350.

MFR., Williams Marine Co., Inc., Lansing, Mich.

DIESELS

LISTER BLACKSTONE

LDM1

Air cooled 1 cylinder diesel. Develops 3½ HP at 1800 rpm, fuel consumption .274 gal. per hour. Compression ratio 20.1; displacement 49.48 c.i. Height 25⅛ in.; length 24¾ in. Weighs 290 lbs.

Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

LDM2

Air cooled 2 cylinder in line diesel. Develops 7 HP at 1800 rpm. Compression ratio 20:1. Available with or without reduction gear. Height 25⅛ in.; length 30 in. Weighs 390 lbs., with reduction gear 460 lbs.

Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

FRM1

1 cylinder diesel. Develops 9 HP at 1800 rpm, fuel consumption .48 gal. per hour. Compression ratio 19.8:1 running and 23.3:1 starting. Displacement 49.7 c.i. Available with or without reduction gear, ratio 2:1. Height 34 in., length 37⅝ in. Weighs 996 lbs., with reduction gear 1010 lbs.

Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

FRM2

2 cylinder diesel. Develops 18 HP at 1800 rpm, fuel consumption 1.18 gal. per hour. Compression ratio 19.8:1 running and 23.3:1 starting. Displacement 99.4 c.i. Available with or without reduction gear, ratio 2:1. Height 34 in., length 42⅞ in. Weighs 1232 lbs., with reduction gear 1316 lbs.

Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

FRM3

3 cylinder in line diesel. Develops 27 HP at 1800 rpm, fuel consumption 1.732 gal. per hour. Compression ratio 19.8:1 running and 23.3:1 starting. Displacement 149.1 c.i. Available with or without reduction gear, ratio 2:1. Height 37½ in., length 48⅛ in. Weighs 1428 lbs., with reduction gear 1449 lbs.

Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

FRM4

4 cylinder in line diesel. Develops 36 HP at 1800 rpm, fuel consumption 2.25 gal. per hour. Compression ratio 19.8:1 running and 23.3:1 starting. Displacement 198.8 c.i. With or without reduction gear, ratio 2:1. Height 41¼ in., length 60⅞ in. Weighs 2107 lbs., with reduction gear 2191 lbs.

Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

FRM6

6 cylinder in line diesel. Develops 54 HP at 1800 rpm, fuel consumption 3.22 gal. per hour. Compression ratio 19.8:1 running and 23.3:1 starting. Displacement 298.2 c.i. With or without reduction gear, ratio 2:1. Height 37⅛ in., length 71⅜ in. Weighs 2688 lbs., with reduction gear 2758 lbs.

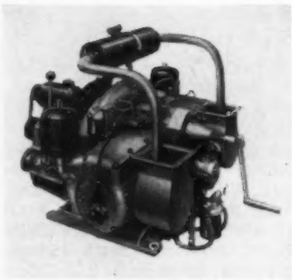
Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

TSM3

3 cylinder horizontally opposed diesel. Develops 77 HP at 1800 rpm, fuel consumption 4.7 gal. per hour. Compression ratio 16:1. Displacement 199 c.i. With or without reduction gear, ratios 1.5:1, 2:1, 3:1. Height 27 in., length 67½ in. Weighs 1330 lbs. with reduction gear.

Lister Blackstone, Inc., 42-32 21st St., L. I. City, N. Y.

BRITISH MARINE PRODUCTS, LTD.



ENFIELD 100

Twin cylinder, air cooled marine diesel engine which develops 18 brake HP at 1,800 rpm. Capacity 1,570 c.c. Compression ratio 19.5 to 1, weight 470 lbs. Fuel consumption .43 pints Imperial measure per bhp at 1,500 rpm. Features aluminum alloy cylinder head, metal plate clutch reverse gear which runs in oil, air cooling satisfactory to 130 degrees outside temperature. Other HP models available.

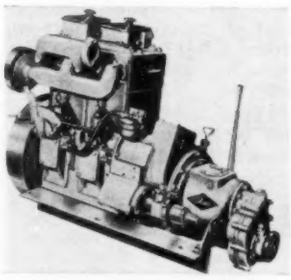
MFR. REP., British Marine Products, Ltd., 80 Shore St., Port Washington, L. I., N. Y.

1958 ENFIELD AIR-COOLED DIESELS

Lightweight engines available in single and twin cylinder models in choice of sizes. All are air-cooled and provide freedom from salt water corrosion. Featured in the line is the Enfield Mark III twin cylinder 25 hp diesel, suitable for auxiliaries up to 45′. Twin cylinders are horizontal and opposed, and engine can be installed in spaces having low headroom. Constructed almost entirely of aluminum and will operate in extreme climatic conditions. Engine can be started by hand, using a decompression system, or a 12-volt electric starter can be supplied. A 10 hp and 15 hp single cylinder, and a 15 hp twin cylinder diesel complete the new line.

MFR., British Marine Products Ltd., 80 Shore Rd., Port Washington, N. Y.

BRUSH ABOE



PETTER 12-BHP DIESEL

Model AV2RMR twin cylinder water cooled marine diesel engine fitted with reverse and 2:1 reduction gear, develops 12 brake HP at 1800 rpm. Other models, including a 6 brake HP air-cooled diesel, in the Petter line, imported from England.

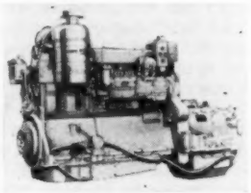
DIST., Brush Aboe, Inc., Petter Engine Div., 60-07 39th Avenue, Woodside 77, L.I., N.Y.

CATERPILLAR TRACTOR CO.

D397

V-12 diesel, either naturally aspirated, Roots blown, or turbocharged. Develops 360, 450, and 500 continuous HP respectively at 1225 rpm, consuming respectively 22, 28, and 29 gal. per hour. Compression ratio 16:1; piston displacement 2493 c.i. Reduction gear ratios 2:1, 2.59:1, 2.97:1, 3.79:1, and 4.23:1. Weighs 11,650 lbs., with reduction gear 16,400 lbs. Dimensions 79½"x152". Naturally aspirated model weighs 13,630 with reduction gear and is 82"x148".

MFR., Caterpillar Tractor Co., Peoria, Ill.



D353 (SERIES C) DIESEL ENGINE

Height, 71½" excluding exhaust stack; length, 117$\frac{7}{32}$"; weight with reduction gear, 8,625 lbs. This engine supplies continuous horsepower of 290 at 1225 rpm, with fuel consumption of 16.3 gallons per hour, and a maximum horsepower of 390 at 1300 rpm. The six-cylinder, in-line design has a compression ratio of 15.3 to 1 with piston displacement of 1473 cu. in. Special features include turbo-charge, and water-cooled exhaust manifold. Air, gasoline or electric starting is available.

MFR., Caterpillar Tractor Co., Peoria, Ill.

D315

4 cylinder in line diesel produces 62 rated HP at 1600 rpm. Produces 56 continuous HP, consuming 3.5 gal. per hour. Compression ratio 18:1; piston displacement 350 c.i. Reduction gear ratios 1:1, 1.96:1, and 3:1. Weighs 2550 lbs., with reduction gear 3005 lbs. Dimensions 44"x70".

MFR., Caterpillar Tractor Co., Peoria, Ill.

D318

This model develops 93 rated HP at 1600 rpm, consuming 5.5 gal. per hour. Produces 83 continuous HP, consuming 5.9 gal. per hour. Compression 18:1; piston displacement 525 c.i. Reduction gear ratios 1:1, 1.96:1, and 3:1. Weighs 3175 lbs., with reduction gear 3905 lbs. Dimensions 47"x86½".

MFR., Caterpillar Tractor Co., Peoria, Ill.

D337F

6 cylinder, 4 cycle, valve-in-head diesel. Develops 194 rated HP at 1600 rpm, consuming 10.9 gal. per hour. Compression ratio 17.25; piston displacement 805 c.i. Reduction gear ratios 2:1, 3:1, and 4.4:1. Weighs 3800 lbs., with reduction gear 4790 lbs. Equipped with MG511 hydraulic gear.

MFR., Caterpillar Tractor Co., Peoria, Ill.

D375 TURBOCHARGED

Turbocharged V-8 diesel produces 300 continuous HP at 1225 rpm, consuming 17.1 gal. per hour. Compression ratio 16:1, piston displacement 1662 c.i. Reduction gear ratios 2:1, 2.93:1, 3.9:1. Weighs 9200 lbs., with reduction gear 11,715 lbs. Dimensions 72½"x125".

MFR., Caterpillar Tractor Co., Peoria, Ill.

D375 ROOTS BLOWN OR NATURALLY ASPIRATED

V-8 diesel produces 300 and 235 continuous HP respectively at 1225 rpm. Similar to the turbocharged model above.

MFR., Caterpillar Tractor Co., Peoria, Ill.

D342

6 cylinder in line diesel develops 168 rated HP at 1225 rpm, consuming 9.4 gal. per hour. Produces 150 continuous HP, consuming 8.4 gal. per hour. Compression ratio 15.7:1; piston displacement 1246 c.i. Reduction gear ratios 1.96:1, 2.96:1. Weighs 6000 lbs., with reduction gear 7425 lbs. Dimensions 64"x110".

MFR., Caterpillar Tractor Co., Peoria, Ill.

D326F

6 cylinder in line diesel. Produces 140 rated HP at 1600 rpm, consuming 8.4 gal. per hour. Develops 134 continuous HP, consuming 8 gal. per hour. Compression ratio 12.25:1; piston displacement 805 c.i. Reduction gear ratios 1.96:1, 3:1, and 4.38:1. Weighs 3400 lbs., with reduction gear 4085 lbs. Dimensions 58"x81".

MFR., Caterpillar Tractor Co., Peoria, Ill.

CLEVELAND DIESEL

MODEL 8-268A

8 cylinder diesel. 450 BHP at 1200 rpm. Bore and stroke 6.5"x7". Displacement 1858 c.i. Width 3′5", length 9′9". Weighs 8600 lbs.

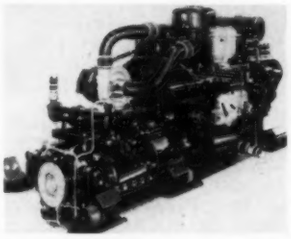
MFR., Cleveland Diesel Engine Div., General Motors Corp., Cleveland, Ohio.

DAIMLER-BENZ

MERCEDES-BENZ OM 321 DIESEL ENGINE

Develops 94 HP. Four-cycle, six-cylinder, water-cooled, vertical engine, with 24 electric starting system. Bore 3$\frac{47}{64}$"; stroke, 4¾"; displacement, 311.02 c.i. Engine has ZF electromagnetically operated gearbox for marine use. Weight without gearbox, 808 lbs.

DIST., Daimler-Benz of North America, Inc., Rockefeller Center, 630 5th Ave., New York 20, N. Y.

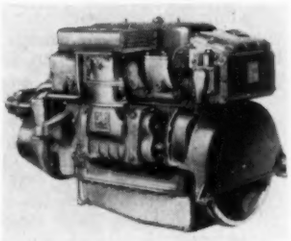


MERCEDES-BENZ DIESELS

German-built Mercedes-Benz engines in ranges from 19 to 3,000 horsepower. Supercharged model OM315-A, shown, cruises at 2200 rpm with fuel consumption of one gallon per hour.

DIST., Daimler-Benz of North America, Inc., Rockefeller Center, New York 20, N. Y.

DETROIT DIESEL ENGINE DIV., GENERAL MOTORS



"4-51"

4 cylinder in line 2 cycle diesel. Develops 87 HP at 3000 rpm. Compression ratio 18:1. Piston displacement 216.5 c.i. Available with or without reduction gear, 1:1 to 3:1. Weighs 1300

lbs., 1425 lbs. with 3:1 reduction. Height 31", length 48¾". Valveless design. Fresh water cooling.

MFR., Detroit Diesel Engine Div., General Motors Corp., 13400 W. Outer Drive, Detroit 28, Mich.

No. 3-71

This 3-cylinder in line engine is rated 110 HP at 2300 rpm. Compression ratio is 17 to 1, and piston displacement, 212.8 cu. in. Either direct drive or reduction gear is available. Reduction gear ratios are 1.5:1; 2:1, and 2.5:1. Height, 35 17/32"; length, 51¾"; weight, 1,580 lbs. A two-cycle engine with unit injection and uniflow scavenging.

MFR., Detroit Diesel Engine Division, General Motors Corp., 13400 W. Outer Dr., Detroit 28, Mich.

No. 4-71

Two-cycle engine rated 151 HP at 2300 rpm, four cylinders, in line, with a compression ratio of 17 to 1. Piston displacement is 283.7 cu. in. Available with either direct drive or reduction gear. Reduction gear ratios available are 1.5:1; 2:1; or 2.5:1. Weight, 1,850 lbs.; height, 35¾", and length, 58 11/16". Features include unit injection and uniflow scavenging.

MFR., Detroit Diesel Engine Division, General Motors Corp., 13400 W. Outer Dr., Detroit 28, Mich.

No. 4-71 (ALUMINUM INCLINED)

A compact diesel with four in line cylinders, 32½" high, 65 7/16" long, and weighs 1,920 lbs. Aluminum is used extensively throughout this engine, which installs 7¾" lower in hull than conventional engines, and has easy accessibility. Rated horsepower is 151 at 2300 rpm, with compression ratio of 17 to 1, and piston displacement of 283.7 cu. in. Available with either direct drive or reduction gear. Reduction gear ratios available are 1.5:1, and 2:1.

MFR., Detroit Diesel Engine Division, General Motors Corp., 13400 W. Outer Dr., Detroit 28, Mich.

No. 6-71

Height, 40¼"; length, 68⅜"; weight, 2,740 lbs. Six-cylinder in line engine is rated 235 HP at 2300 rpm. Compression ratio is 17 to 1, and engine is available with either direct drive or reduction gear. Reduction gear ratios are 1.5:1; 2:1; and 2.5:1. Two-cycle engine features unit injection and uniflow scavenging.

MFR., Detroit Diesel Engine Division, General Motors Corp., 13400 W. Outer Dr., Detroit 28, Mich.

GRAY MARINE

FOUR D 157

4 cylinder in line diesel engine. Develops 30 HP at 1800 rpm. Displacement 157 c.i. Available with or without reduction gear, wide range of ratios. Weight 1,100 lbs. with reduction gear. Height 32". Length 50". Fresh water cooling standard. Hydraulic reverse available. Price, $2,640.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

FOUR D277

4 cylinder in line diesel engine. Develops 60 HP at 2200 rpm. Displacement 277 c.i., available with or without reduction gear, wide range of ratios. Weight 1440 lbs. with reduction gear. Height 39". Length 56". Fresh water cooling standard. Price $2,850.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

FOUR D129

4 cylinder in line diesel gas engine. Develops 25 HP at 2000 rpm. Displacement 129 c.i. Available with or without reduction gear, 1.5:1 and 2:1. Weight 656 lbs. with reduction gear. Height 28½". Length 44¾". Fresh water cooling standard. Price, $2,700.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

SIX D427

6 cylinder in line diesel engine. Develops 130 HP at 2400 rpm. Displacement 427 c.i. Available with or without reduction gear, wide range of ratios. Weight 1475 lbs. with reduction gear. Height 33". Length 64". Fresh water cooling standard. Hydraulic reverse available. Price, $4,180.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

SIX D572

6 cylinder in line diesel engine. Develops 150 HP at 2400 rpm. Displacement 572 c.i. Available with or without reduction gear, wide range of ratios. Weight 2510 lbs. with reduction gear. Height 40½". Length 69". Fresh water cooling standard. Hydraulic reverse available. Price, $5,305.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

SIX-D802

6 cylinder in line diesel has rated HP of 190 at 2200 rpm. compression ratio of 14.7:1 and piston displacement of 802 cu. in. Available with reduction gear ratios of 1.5:1, 2:1, 2.5:1, 3:1, 4:1 and 4.4:1, manual and hydraulic. Fresh water cooling system is standard. Dimensions, 43¼"x78"; weight with reduction gear, 3000 lbs.

MFR., Gray Marine Motor Co., 710 Canton Ave., Detroit 7, Mich.

MURPHY DIESEL

MODEL CBJ 170

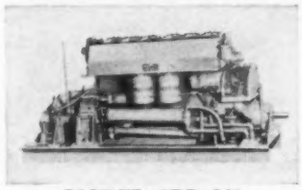
6 cylinder diesel marine engine, with bore and stroke 5½" x6½", and a piston displacement of 927 cubic inches, will govern a full load at 1400 rpm and a continuous 170 HP at 1400 rpm.

MFR., Murphy Diesel Co., 5317 West Burnham St., Milwaukee, Wisconsin.

MODEL CAB 144

4 cylinder diesel marine engine, with bore and stroke 6"x 6½", and a piston displacement of 735 cubic inches, will govern a full load at 1400 rpm and a continuous 144 HP at 1400 rpm.

MFR., Murphy Diesel Co., 5317 West Burnham St., Milwaukee, Wisconsin.

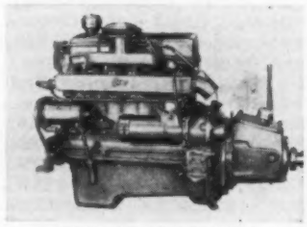


MODEL CBD-243

Murphy Diesel marine propulsion engines are built in 26 sizes from 96 to 243 HP. Model CBD-243 is shown. Available with a selection of reverse and reduction gears, and a wide range of front-end drives.

MFR., Murphy Diesel Company, 5317 W. Burnham St., Milwaukee 14, Wis.

OSCO MOTORS CORP.



OSCO-FORD 4DF

45 cruising HP at 2250 rpm with fuel consumption of 1.4 gallons per hour. Rated horsepower of 64 at 2400 rpm, with 2.2 gallons per hour fuel consumption. 4 cylinder in-line engine has compression ratio of 16:1 and piston displacement of 220 cu. in. Available direct drive or reduction gear, with reduction gear ratios of 1.5:1, 2:1, 2.5:1, 3:1 and 4:1. Weight is 769 lbs., weight with reduction gear, 779-1056 lbs. Height, 34⅞", length, 44 to 51⅞". Features include overhead valves; integrated fresh water cooling system; hydraulic reversing gear and opposed rotation optional. Price, $2,032.25.

MFR., Osco Motors Corp., Philadelphia 40-P, Pa.

OSCO-FORD 6DF

Delivers 65 HP at 2000 rpm, using 2.3 gallons per hour, and rated 96 HP at 2250 rpm, using 3.4 gallons per hour. Height, 34⅞"; length, 52" to 59⅞"; weight, 869 lbs., weight with reduction gear, 789-1159 lbs. 6 cylinder in-line engine has 16:1 compression ratio and piston displacement of 330 cu. in. Available direct drive or reduction gear; reduction gear ratios of 1.5:1, 2:1, 2.5:1, 3:1 and 4:1. Features overhead valves, integrated fresh water cooling system, hydraulic reversing gear; opposed rotation optional. Price, $2,350.

MFR., Osco Motors Corp., Philadelphia 40-P, Pa.

RED WING MARINE CORP.

D4-45 DIESEL

29"x42⅞", weight, 825 lbs., with reduction gear, 875 lbs. 4 cylinder in line engine with cruising HP of 35 at 2000 rpm, and fuel consumption of 1 gallon per hour. 45 rated HP at 2400 rpm, with fuel consumption of 1¼ gallons per hour. Compression ratio 17:1, piston displacement, 144 c.i. Available either direct drive or reduction gear, lightweight engine has reduction gear ratios of 1.5:1 to 3:1.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

D6-100 DIESEL

6 cylinder in line engine with 80 cruising HP at 2000 rpm, using 4 gallons per hour. 100 rated HP at 2600 rpm, using 5 gallons per hour. Compression ratio of 17:1 and piston displacement of 302 c.i. Available either direct drive or reduction gear ratios of 1.5:1 to 3:1. Height, 32¾"; length, 59¼"; weight, 1,275 lbs., weight with reduction gear, 1,375 lbs.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

D6-140 DIESEL

6 cylinder in line engine has 100 cruising HP at 2000 rpm, using 5 gallons per hour. 140 rated HP at 2400 rpm, using 7 gallons per hour. Compression ratio 17:1, and piston displacement, 426 c.i. Available either direct drive or reduction gear ratios of 1.5:1 to 3:1. 36"x62", weight, 1,500 lbs., with reduction gear, 1,600 lbs.

MFR., Red Wing Marine Corp., 1000 Levee St., Red Wing, Minn.

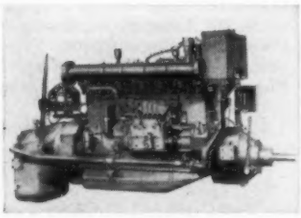
WAUKESHA MOTOR CO.

CUTWATER

Available as turbocharged or normal diesel. Turbocharged model cruises 120 hp at 2000 rpm, using 7.3 gallons per hour, and has rated horsepower of 185 at 2800 rpm, with fuel consumption of 13.9 gallons per hour. Normal diesel has cruising horsepower of 100 at 2000 rpm, using 6.3 gallons per hour, and has rated horsepower of 147 at 2800 rpm with fuel consumption of 11.4 gallons per hour. Both models

are 6-cylinder in-line engines with compression ratio of 17.5:1. Piston displacement is 426 c.i. Reduction gear ratios to 4:1. Weight of normal diesel is 1,385 lbs., not including reverse or reduction gears and turbochargers.

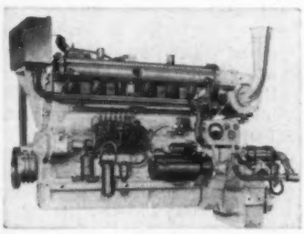
MFR., Waukesha Motor Co., West St. Paul Ave., Waukesha, Wisc.



VIGILANT

Available as turbocharged or normal diesel. Turbocharged model has 195 cruising hp at 1800 rpm with fuel consumption of 13.3 gallons per hour. Rated 280 hp at 2100 rpm, consuming 21 gallons per hour. Normal diesel model has cruising horsepower of 150 at 1800 rpm, with fuel consumption of 10 gallons per hour, and rated horsepower of 200 at 2100 rpm using 16.2 gallons per hour. Both models have six in-line cylinders and compression ratio of 17.5:1. Piston displacement is 779 c.i. Reduction gear ratios to 4:1. Weight of normal diesel type is 2,420 lbs., not including reverse or reduction gears and turbochargers.

MFR., Waukesha Motor Co., West St. Paul Ave., Waukesha, Wisc.



RESOLUTE

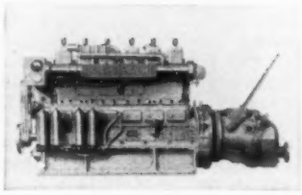
Available as turbocharged or normal diesel. Turbocharged model has cruising horsepower of 260 at 1600 rpm, with fuel consumption of 17.3 gallons per hour, and rated horsepower of 352 at 1800 rpm using 26.4 gallons per hour. Normal diesel model has cruising horsepower of 195 at 1600 rpm with fuel consumption of 13.5 gallons per hour, and rated horsepower of 258 at 1800 rpm, using 18.4 gallons per hour. Both models are 6-cylinder in-line engines having compression ratio of 17.5:1 and piston displacement of 1197 c.i. Reduction gear ratios to 4:1. Wt. of normal diesel is 3,850 lbs., not including reverse or reduction gears and turbochargers.

MFR., Waukesha Motor Co., West St. Paul Ave., Waukesha, Wisc.

WANDERER

Available as turbocharged or normal diesel. Turbocharged model cruises at 315 hp at 1200 rpm with fuel consumption of 15.3 gallons per hour, and has rated horsepower of 390 at 1200 rpm using 29.2 gallons per hour. Normal diesel type cruises at 240 hp at 1200 rpm with fuel consumption of 15.3 gallons per hour, and has rated horsepower of 297 at 1200 rpm, consuming 20.9 gallons per hour. Both are 6-cylinder in-line engines with compression ratio of 17.5:1. Piston displacement is 1905 c.i. Reduction gear ratios to 4:1. Weight of normal diesel is 7,200 lbs., not including reverse or reduction gears and turbochargers.

MFR., Waukesha Motor Co., West St. Paul Ave., Waukesha, Wisc.



DEFENDER

Available as turbocharged or normal diesel. Turbocharged model cruises 480 hp at 1200 rpm, using 32 gallons per hour, and has rated horsepower of 600 at 1200 rpm, using 44 gallons per hour. Normal diesel model cruises at 335 hp at 1200 rpm, using 24.2 gallons per hour, and has rated horsepower of 415 at 1200 rpm, with fuel consumption of 33 gallons per hour. 6-cylinder in-line engines have compression ratio of 17.5:1, piston displacement of 2894 c.i., and reduction gear ratios to 3:1. Weight of normal diesel type is 10,200 lbs., not including reverse or reduction gears and turbochargers.

MFR., Waukesha Motor Co., West St. Paul Ave., Waukesha, Wisc.

RELIANCE

Available as turbocharged or normal diesel. Turbocharged model cruises at 990 hp at 1200 rpm with 68.7 gallons per hour fuel consumption, and has a rated horsepower of 1235 at 1200 rpm, using 94.3 gallons per hour. Normal diesel has cruising horsepower of 665 at 1200 rpm with fuel consumption of 48 gallons per hour, and rated horsepower of 820 at 1200 rpm using 65.9 gallons per hour. Both are 12-cylinder V models with compression ratio of 17.5:1. Piston displacement is 5788 c.i. Reduction gear ratios to 3:1. Weight of normal diesel type is 15,500 lbs. not including reverse or reduction gears and turbochargers.

MFR., Waukesha Motor Co., West St. Paul Ave., Waukesha, Wisc.

ENGINE CONVERSIONS

BARR MARINE PRODUCTS

BUICK V8 CONVERSION KIT

Water-cooled exhaust manifolds, 1953-56, 2" exhaust, per pair $71.50; 1957 2½" exhaust, per pair $78; water pump, rubber impeller type, ball-bearing equipped with bracket and pulley, $61.25; water lines and fittings, $23.75; cylinder head water outlet plates, per pair $4; front motor supports, per pair $13.75; flame arrestor, 2-hole, $12; 4-hole, $20; Vee belt for water pump, $3.25; hot air collar for automatic choke, 1953-56, $3.25; 1957, $3.75; crankcase breather, $5.25; oil filter adaptor, $19; BARR BC-251 reverse gear, direct drive, $313.50.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

CADILLAC V-8 OHV CONVERSION KIT

Water-cooled exhaust manifolds, 2" exhaust, cast iron, for 1949-55, per pair $71.50; 1956-57, 2½" exhaust, cast iron, per pair, $78; 1956-57 aluminum, per pair, $108; water pump, Jabsco rubber impeller type, ball-bearing equipped, complete with bracket, pulley and crankshaft pulley, $64.75; water lines and fittings, $23.50; cylinder head water plates, per pair, $4; front motor supports, per pair, $13.75; rear motor supports, per pair, $13.75; flame arrestor, approved type, 2-hole carburetor, $12; 4-hole carburetor, $20; Vee belt for water pump, $3.25; crankcase breather, $6.25; hot air collar for automatic choke, 1949-55, $3.25; 1956-57, $3.75; BARR BC-251 reverse gear, direct drive, 1949-54, $302.50; 1955-57, $313.50.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

CHEVROLET V8 CONVERSION KIT

Water-cooled exhaust manifolds, 2" exhaust, cast iron, per pair, $64; aluminum, per pair, $88; water pump, rubber impeller type, ball-bearing equipped with bracket and pulley, $54.50; water lines and fittings, $19.75; water outlet plate, $3.25; front motor support, $13; flame arrestor, 2-hole carburetor, $14.50; 4-hole carburetor, $20; Vee belt for water pump, $3.25; breather for crankcase fumes, 2-barrel or 4-barrel, $6; hot air collar for automatic choke, $3.25; BARR BC-251 reverse gear, direct drive, $313.50.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

PONTIAC V8 CONVERSION KIT

Water-cooled exhaust manifolds, 2" exhaust, 1955-56, per pair $68; 1957 per pair $74; oil filter adaptor for use with manifolds, $15.75; water pump, rubber impeller type, ball-bearing equipped with bracket and pulley, 1955-56, $52; 1957, $61.25; water lines and fittings 1955-56, $18; 1957, $23.75; water outlet plate, $3.25; front motor support, $13.25; flame arrestor, 2-hole, $14.50; 4-hole, $20; Vee belt for water pump, $3.25; hot air collar for automatic choke, $3.25; BARR BC-251 reverse gear, direct drive, $302.50.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

CHRYSLER V8 CONVERSION KIT

Water-cooled exhaust manifolds, 1951-57, 2" exhaust, per pair $71.50; oil filter bracket for use with manifolds, $8.50; water pump assembly, $61.25-$64.75 depending on year; water outlet plates, per pair $4; front motor supports, per pair $13.75; rear motor support $13.75; flame arrestor, 2-hole carburetor, $14.50; 4-hole carburetor, $20; hot air collar for automatic choke, $3.25; breather for crankcase fumes, $6.25; water lines and fittings, 1955 up $23.75; BARR BC-251 reverse gear, direct drive, 1951-53, $302.50; 1954-57, $324.50.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

FORD AND MERCURY V8-OHV CONVERSION KIT

Water-cooled exhaust manifolds, 2" exhaust, cast iron, per pair $66; water pump, rubber impeller type, ball-bearing equipped, complete with brackets and pulley, $52; water outlet connection, $3.25; front motor support, steel, $12.50; rear motor support (for use with converted auto transmissions only), $13.25; flame arrestor, 2-hole carburetor, horizontal outlet, $14.75; 2- and 4-hole carburetor, fits down over top of carburetor, $18; BARR BC-251 reverse gear, direct drive, $313.50; water lines and fittings, 1955-57, $21.50; Vee belt for water pump, $3.25.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

OLDSMOBILE ROCKET V8 CONVERSION KIT

Water-cooled exhaust manifolds, cast iron, 1949-56, 2" exhaust, per pair $71.50; 1957, 2½" exhaust, per pair $78; water pump assembly, rubber impeller type, ball-bearing equipped with bracket and pulley, $64.75; water lines and fittings, $23.75; water outlet plate, $3.75; front motor support, $13.75; rear motor supports, per pair $13.75; flame arrestor, carburetor with intake on side, $14.75; carburetor with

intake on top, $12; 4-hole carburetor, $20; Vee belt for water pump, $1.85; Vee belt for generator, $3.25; breather for crankcase fumes, $6.25; BARR BC-251 reverse gear, direct drive, $302.50.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

PLYMOUTH V8, DODGE V8, DE SOTO V8 CONVERSION KITS

Water-cooled exhaust manifolds, cast iron, per pair $68; water pump, rubber impeller type, ball-bearing equipped, with bracket and pulley, $54.50; adaptor for relocating oil filter for use with manifolds, $8.50; water lines and fittings, $18 to $23.75, depending on model; cylinder head water outlet plates, per pair $3.75 to $4.25; front motor support, $13.75; flame arrestor, 2-hole carburetor, $14.50; 4-hole carburetor, $20; Vee belt for water pump, $3.25; breather for crankcase fumes, $7.25; hot air collar for automatic choke, $3.25; BARR BC-251 reverse gear, direct drive, $324.50.

MFR., Barr Marine Products Co., 2708 Castor Ave., Philadelphia 34, Pa.

FEDERAL MARINE

CONVERSION KITS

Marine conversion kits for modern automobile V-8 overhead valve engines. Every part required for conversion and complete instructions are furnished. Screw driver and adjustable wrench are only tools needed.

MFR., Federal Marine Motors Co., Chicago 19, Ill.

LEHMAN MFG. CO.

FORD V8 AND MERCURY

Ford V8 and Mercury engines available in variety of piston displacements but have same exterior dimensions and approx. same weights. Model JG, 239 c.i., Max HP 132. Model JH, 256 c.i., Max. HP 140, Model ECG, 272 c.i., Max. HP 190. Model Thunderbird, 292 c.i., Max. HP 212. Model Thunderbird Spec., 312 c.i., Max. HP 245. Mercury Model MHK, 312 c.i., Max HP 255. Models with same features offered for Lincoln engines up to 300 HP. Deep block construction provides extra rigidity, provides water jackets surrounding each cylinder for its full length. Water jacketed reduction ratios up to 3:1 available.

MFR., Lehman Mfg. Co., 972 Broad St., Newark 2, N. J.

FORD 6 CYLINDER

Ford 6 cylinder overhead valve model has been increased in power to 144 HP in 1957, retaining displacement at 223 c.i. "Deepskirt" crankcase well below crankshaft for added rigidity. Intake and exhaust manifold in one piece with "hot-spot" to get more power from gas. Reduction gears up to 3:1 available.

MFR., Lehman Mfg. Co., 972 Broad St., Newark 2, N. J.

FORD 4 CYLINDER

A rugged Lehman conversion of the Ford 4 cylinder overhead valve engine, available in a 134 cu. in. model especially suited to heavy duty and work boat use. The 134 cu. in. engine develops 48 HP at 2800 rpm. A 172 cu. in. model which develops 61 HP at 2800 rpm and many reduction gear combinations are also available.

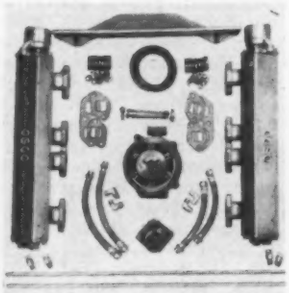
MFG., Lehman Mfg. Co., 972 Broad St., Newark 2, N. J.

ECON-O-POWER CHEVROLET V8

A new conversion kit for the Chevrolet V8 engine. Converts to a compact, light, but rugged and dependable marine power plant. With dual carburetor develops 185 HP at 4600 rpm. With 4 barrel carburetion and 9.5 to 1 compression ratio, develops 220 HP at 4800. The "Corvette" model with 4 barrel carburetion is rated 245 HP at 5000 rpm. Kits are adaptable to any of these models.

MFR., Lehman Mfg. Co., 972 Broad St., Newark 2, N. J.

OSCO MOTORS CORP.

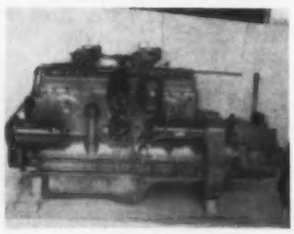


OHV FORD V8 CONVERSION KIT

One of the many kits or parts assemblies for all popular Ford engines either L-head or overhead valve types. Parts may be purchased in kit form or individually. Price of complete average kit, $165.

MFR., Osco Motors Corp., Philadelphia 40-P, Pa.

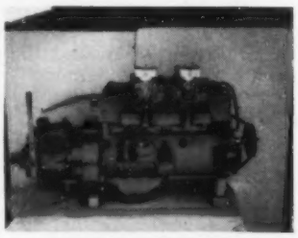
STOKES MARINE SUPPLY CO.



HUDSON HORNET 6

New Hornet 6 block equipped with all new accessories including 12 volt Auto Lite starter, generator, distributor, coil, fuel pump, dual carburetors with back-fire traps, and oil filter. New marine manifolds, Sherwood bronze gear pumps, motor mounts and all brass water pipes. 175 hp at 4000 rpm. 308 c.i. displacement. Stokes reverse gear has 85% reverse speed. Prices: with 1:1 Stokes gear, $595 (725 lbs.); with 1:1 Paragon gear, $750 (725 lbs.) and 2:1 Paragon gear, $850 (775 lbs.).

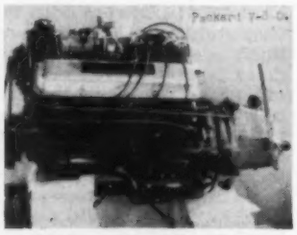
MFR., Stokes Marine Supply Co., Coldwater, Mich.



HUDSON WASP 6

New Wasp 6 block has all new accessories including Auto Lite 12 volt starter, generator, distributor, coil, fuel pump, dual carburetors with back-fire traps and oil filter. New marine manifolds, Sherwood bronze gear marine water pump, motor mounts and all brass water pipes. Stokes reverse gear, giving 85% reverse speed. 6 cylinder engine delivers 126 hp at 4000 rpm, has 202 cu. in. displacement. Prices: with 1:1 Stokes gear, $495 (625 lbs.); with 1:1 Paragon gear, $650 (625 lbs.) and with 2:1 Paragon gear, $750 (675 lbs.).

MFR., Stokes Marine Supply Co., Coldwater, Mich.



PACKARD CLIPPER V-8

Made from a new Packard "Sky Power" V-8 engine, with all new accessories such as starter, generator, reverse gear, manifolds, water pump, back fire trap, etc., included. Engine delivers 275 hp at 4000 rpm, has 352 cu. in. displacement. 12 volt electrical system. Carter fuel pump. Prices: with Paragon gear 1:1, $1,025 (800 lbs.); with Paragon gear 2:1, $1,150 (875 lbs.); with Packard gear 2½:1 hydraulic, $1,050 (900 lbs.) and with Stokes gear 1:1, $895, (800 lbs.).

MFR., Stokes Marine Supply Co., Coldwater, Mich.

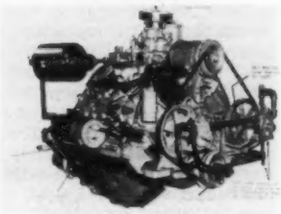
WILLYS LIGHTNING 6

New Willys Lightning 6 block equipped with accessories including Auto Lite starter, generator, distributor and coil. Also has fuel pump and carburetor, and Willys 6 marine manifold. Inboard 6-cylinder engine delivers 75 hp at 4000 rpm, has 161 cu. in. displacement. Dimensions are 43"

length, 20" width, 15" height above centerline and 7" depth below centerline. Reverse gear gives 85% reverse speed. Price, $395. Also available with 1:1 Paragon gear, $595, and with 2:1 Paragon gear at $695.

MFR., Stokes Marine Supply Co., Coldwater, Mich.

VAC-U-MATIC CORP.



VAC-U-MATIC CONVERSION KITS

Kits complete with manifolds for marine conversions are available from Vac-U-Matic for 4 cylinder Ford tractor engine, $69.50, the Ford 6 cyl. L head engine, $119.50, and the Jeep engine, $39.50.

MFR., The Vac-U-Matic Corp., 146 Mott St., Oceanside, N. Y.

WILLIAMS MARINE

TROLLABOUT

Inboard marine engine kit. Price, 1¾ HP, 4 cycle, air-cooled REO Power Master engine Model MK-1, fresh water kit, $89.50; Model MK-11, salt water kit, all underwater items of brass or bronze, $114.50.

MFR., Williams Marine Co., Inc., Lansing, Mich.

TROLLMASTER

Inboard marine engine kit. Price, 3.6 HP, 4 cycle, air-cooled Clinton engine, Model MK-2, fresh water kit, $149.50; Model MK-12, salt water kit, all underwater items of brass or bronze, $174.50.

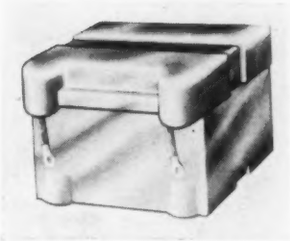
MFR., Williams Marine Co., Inc., Lansing, Mich.

ENGINE ACCESSORIES & ENGINEERING EQUIPMENT

ALLAN MARINE, INC.

SEA-DRI BATTERY CASE

A moulded fiberglas case for storing and carrying batteries for electric-starting outboard motors. Acid resistant, weather resistant, and in 6 and 12 volt sizes. Two web hold-down



straps, eyes, ventilation. In combination colors; white and turquoise, white and red, white and mahogany. Price, $10.95.

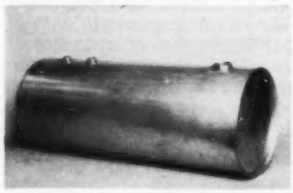
MFR., Allan Marine, Inc., Hicksville, L.I., N.Y.

PROP ZINCS

Wrap-around electrolysis eliminators for use on all underwater metals. Absorbs electrolytic action and protects prop, shafts, struts, and fittings. Activated zinc, cast and machined. ⅛" to 1½"; $3.50 to $4.50

MFR., Allan Marine, Inc., Hicksville, L.I., N.Y.

ALLCRAFT MFG. CO.



SEAFARER MONEL TANKS

Manufactured in a wide variety of sizes in either rectangular or cylindrical shape. Stock tanks are available with capacities of 9 to 80 gal. and are made for use with outboard motors. Every Allcraft tank is individually tested and meets all the requirements of the United States Coast Guard and Yacht Safety Bureau. Price, $42 to $243.

MFR., Allcraft Mfg. Co., Inc., 27 Hayward St., Cambridge 42, Mass.

AMERICAN TEL. & RADIO

BATTERY CHARGERS

A complete line of ATR portable automobile plug-in type for operation with 6 or 12 v storage battery systems, in 4 amp., 6 amp., and 10 amp. capacities with list price of $14.95 up.

MFR., American Television & Radio Co., 300 E. 4th St., St. Paul, Minn.

AMOT CONTROLS

THERMOSTATIC CONTROL VALVES

Available in ½" to 1¼" pipe sizes, units are used to control water jacket temperature of marine engines. Prices, ½C model, $27; ¾C model, $27.50; 1C model, $28 and 1¼C model, $50.

MFR., Amot Controls Corp., P. O. Box 1707, Richmond, Calif.

AR-KAM MACHINE CO.

PROPELLER STRUTS

Now available with the angles and drop dimensions required for any installation. V-type strut gauge is adjustable to fit the contour of hull and the angle and drop of the propeller shaft. Welded one-piece models optional.

MFR., The Ar-Kam Machine Co., P. O. Box 102, E. Hartford, Conn.

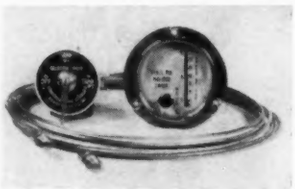
ARROWHEAD RUBBER

TRANSOM PAD

Three sizes molded rubber for motors of 16 HP to 60 HP. In black and white or in colors to match boat trim. Price, $2.75 to $4.95.

MFR., Arrowhead Rubber & Mfg. Co., Inc., Shakopee, Minn.

ASSOCIATED MFRS. CO.



UNIVERSAL TANK SOUNDER

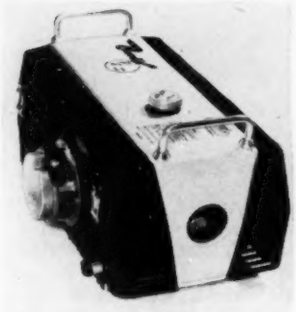
A marine tank gauge for gasoline, fuel oil or water. Can be installed in existing or new tanks without cutting or disturbing tanks in any way. Gauge can be located anywhere desired; registers number of inches of liquid in tank, regardless of size or shape. With addition of selector valve, single gauge can be used to measure two separate tanks. Price, $33.50; price for selector valve, $15.50. Instructions included.

MFR., Associated Manufacturers Co., Inc., 5 Skillman Ave., Roslyn, N. Y.

BENDIX AVIATION

110 PORTABLE ELECTRIC GENERATOR

Generator is powered by 2-cycle, 2 hp air-cooled engine, and produces 750 watts for use in household emergencies, trailers, camping and on hunting and fishing trips. It is equipped with a specially designed muffler for quiet operation and equipped with rewind starter. Tank holds ¾ gallon of fuel for operation from 1 to 3 hours, depending on the load. Price, $215.



MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

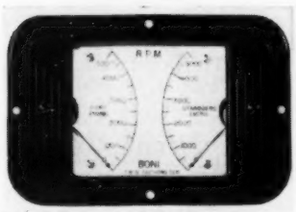
BLUE CROWN CORP.

BLUE CROWN SPARK PLUGS

Designed primarily for four cycle engines, the double electrode construction used in this plug is also suited for two cycle engines.

MFR., Blue Crown Corp., P. O. Box 96, Defiance, O.

BONI CO.



TWIN TACHOMETERS

Both single and twin tachometers are available with a choice of signal pick-up systems suitable for use on any marine engine. A new feature is an epoxy resin capsule mounted on the meter terminals, to exclude moisture and simplify installation on both inboard and outboard powered craft. Precision Models with ½ of 1% accuracy are priced at $103 for twin installation; $52.50 for single engine tachs. Utility Models with a maximum error of not over 2% are priced at $84.50 for the twin; $42.50 for the single tach.

MFR., Boni Company, Bristol, Indiana.

BOWERS BATTERY & SPARK PLUGS

ELECTRICAL EQUIPMENT

Storage batteries and spark plugs, for inboard and outboard service.

MFR., Bowers Battery & Spark Plug Co., P. O. Box 1262, Reading, Pa.

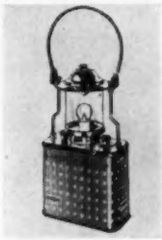
BRUSH ABOE, INC.

PETTER GENERATING SETS

For delivering auxliary power aboard your boat.

MFR., Brush Aboe, Inc., 60-07-39 Avenue, Woodside 77, N. Y.

BURGESS BATTERY CO.



4F5H

No. 4F5H Burgess 7½ v battery for emergency illumination and portable lights used by railroads, police, fire departments and emergency crews. Weatherproof metal container makes this battery substantially leakproof. Size: 7⅜"x 3 31/32"x5 13/16". Weight 7¾ lbs. Price, $5.50 each.

MFR., Burgess Battery Co., Foot of Exchange, Freeport, Ill.

BURTON-ROGERS CO.

TESTING EQUIPMENT

Hoyt volt-amp tester, for testing electrical systems on boats with 6, 12, 24, 32 v systems.

MFR., Burton-Rogers Co., 42 Carleton St., Cambridge 42, Mass.

CARLING ELECTRIC

SWITCHES

Use to control all electrical circuits, searchlights, horns, pumps, electronic equipment, etc.

MFR., Carling Electric, 505 New Park Ave. W., Hartford 10, Ct.

CARTER MOTOR CO.

750 WATT CONVERTERS

Converters are available for input voltages of 24, 32, 48, 64, 72, 115 and 230 DC and delivers clean 115 v 60 cycle AC from plug-in receptacle. New model for home-type refrigerators and freezers turns on, off automatically as appliance operates.

MFR., Carter Motor Co., 2711 W. George St., Chicago 18, Ill.

CHRISTIE ELECTRIC CORP.

BATTERY CHARGER

Automatic battery charging.

MFR., Christie Electric Corp., 3410 W. 67th St., Los Angeles 43, Calif.

CORNELL-DUBILIER

POWERCON INVERTERS

Complete line of portable vibrator-powered inverters for producing 110 volt AC household quality power from 6, 12, 28 and 32 volt battery sources and from 110 and 220 volt DC sources. Special models for marine service permit use of many electronic and electrical devices away from dock.

MFR., Cornell-Dubilier Electric Corp., South Plainfield, N. J.

CRESCENT BATTERY & LIGHT

BATTERIES

Outboard storage batteries for electric outboard starting, both 6 and 12 v.

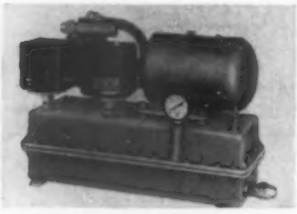
MFR., Crescent Battery & Light Co., Inc., 818 Camp St., New Orleans, La.

CROWELL DESIGNS, INC.

FLOW VIEW STRAINER

Available in ¾" and 1" sizes. For use as bilge or raw engine water strainer. Features include Monel basket, pyrex glass, and neoprene gaskets. Strainers do not clog up. Price, $16 to $18.

MFR., Crowell Designs, Inc., P. O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.



WATER PRESSURE SYSTEM

Air chamber is separated from water chamber by butyl rubber diaphragm and unit, which is completely self-contained; can be mounted above the fresh water tanks. Features include positive displacement, self-priming action, built-in monel strainer and a water-lubricated impeller. Standard household faucets can be used. Price $175.

MFR., Crowell Designs Inc., P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

LOW VOLTAGE DC MOTORS

7½"x4"x5". For installation on refrigerators, air compressors, electric toilets, etc. Splashproof and sparkproof, they use all DC voltages, ⅛, ⅙, ⅓ and ¼ hp. Designed and engineered for marine use. Price, $65.

MFR., Crowell Designs Inc., P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

HYDRAULIC STEERING GEAR

Output for this steering gear is rated at 250 lbs. of thrust for normal maximum and 700 lbs. of thrust emergency maximum. Suitable for both small and large boats, it is installed with standard ½" O.D. soft copper tubing. No cables, pulleys, gears or outside source of

power required. Price $195 single station, $315 dual station.

MFR., Crowell Designs Inc., P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

CULVER STEARNS

ALL-BRASS SWITCHES

Starter Switches, Toggle & Push Pull Switches, Panel & Gage Lights.

MFR., Culver Stearns Mfg. Co., 181 Greenwood St., Worcester 7, Mass.

JOSEPH DIXON CRUCIBLE

SPEED-KING GRAPHITE GEAR LUBRICANT

Developed for use on lower gear units of outboard motors. Extremely stable, under all operating conditions. Does not thicken in cold weather, nor thin out under heat. Available in 10 oz. tubes, 48 to case; 10 lb. cans, 6 to case; 50 lb. drums. Price, 90¢ per tube; 60¢ lb. per 10 lb. can; 45¢ lb. per 50 lb. drum.

MFR., The Jos. Dixon Crucible Co., Wayne & Monmouth Sts., Jersey City, N. J.

DOW CORNING CORP.

NO. 4X COMPOUND

A nonmelting grease-like silicone dielectric and water repellent. Seals, lubricates and protects copper fittings, electrical connections and battery terminals. Price, $1.25 for 2 oz. tube. Sold through jobbers.

MFR., Dow Corning Corp., Midland, Mich.

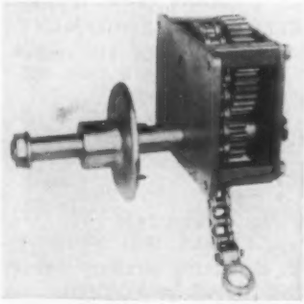
EARNHART MFG. CO.

OUTBOARD LOCK

Said to be water and weather proof, and built of cadmium plated steel and brass with a spring tension that prevents tampering, in three models to fit any motor. Prices from $4.95 to $6.95.

MFR., Earnhart Mfg. Co., 1001 Edwardsburg Ave., Elkhart, Ind.

EDSON CORP.



STEERING GEAR

A heavy duty, bronze reduction steering gear with "lubricated-for-life" bearings. For boats from 35 to 120' overall length, supplied with 4 feet of bronze roller chain, adaptable for automatic pilot operation. In four sizes, with rudder angle indicator on all models.

MFR., The Edson Corporation, 334 So. Water St., New Bedford, Mass.

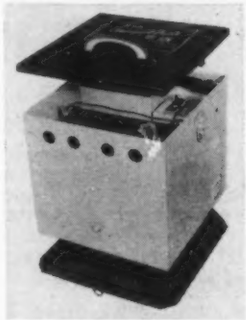
EDWARD CAN CO.

GASOLINE CANS

Gasoline and oil containers from one to five gallon capacity. Flexible pouring spouts, can pumps.

MFR., Edward Can Co., 6260 N. Northwest Hwy., Chicago 31, Ill.

ELECTRIC SERVICE SYSTEMS



CHARGE-A-PACK

Power unit for recharging batteries. Available in 6 or 12 v. Price, from $17.90 to $24.95.

MFR., Electric Service Systems, Inc., 1330 Quincy St., N. E., Minneapolis 13, Minn.

ELECTRO MARINE PRODUCTS

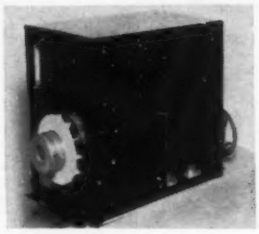
TRANSFORMER

110 volt AC step-up transformer to be used only with Electro Marine generator systems, allows user to utilize 250 watts of 110 volt AC from generator. Available in either 12 volt or 32 volt, the transformer will make available 250 watts to run almost any appliance or tool which falls into that power range. Price, 12 volt, $34.50; 32 volt, slightly higher.

MFR., Electro Marine Products, Inc. (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

GENERATOR

Operated from power take-off of main engine, 32 volts (50 amps, 1875 watts) or 12 volts (100 amps, 1400 watts). Requires about 3 HP maximum at full load. Alternator system available by itself or in com-



bination with shore power converter 12 volts 20 amps, 32 volts 10 amps or 32 volts 20 amps.

MFR., Electro Marine Products, Inc. (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

CONVERTER

A heavy duty marine rectifier for transforming shore current to 12 volts DC or 32 volts DC. Manually controlled, it may be set for high charging rate to boost low batteries or switched into low for trickle charging or maintenance of batteries for long periods. 1958 models will have circuit breakers instead of presently-used fuses. Aging taps on transformer will take up for aging of transformer (first year only) and allow adjustment to line voltage variation. Radio shielding wire is between primary and secondary of transformer which eliminates radio interference by the unit. Price, 12 volts, from $140; 32 volts, from $150.

MFR., Electro Marine Products, Inc. (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

REFRIGERATION UNIT

Complete unit to convert any ice box (up to 15 cu. ft.) into automatic electric refrigeration. Any DC voltage and 110 volts AC. 12 volts DC draws 4 to 5 amps per hour and runs 9 to 12 minutes per hour. Can be installed in engine room. Unit contains ¼ HP twin cylinder compressor, appropriate size evaporator, enclosed DC motor and controls. Price, from $218.66 to $255.

MFR., Electro Marine Products, Inc. (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

ENGINE COUPLING

Dual-flex flexible engine couplings eliminate transmission of noise and vibration between engine and propeller shaft. Biggest advantage is ease of engine installation. Coupling also acts as insulator and stops electrolysis between engine and propeller shaft. With bore sizes to match engines already installed. Prices, $25 to $30.

MFR., Electro Marine Products (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

FLEXIBLE ENGINE MOUNT

Dual-flex mount is free of metal between supporting and

mounting members. Has 1¼" vertical adjustment and elongated mounting holes for fore and aft adjustment. Rubber will withstand temperature extremes, exposure to salt atmosphere and oil and grease. Under shock loadings there in less than ¼" deflection. Smallest mount in series is 4⅝"x2¾" x2", and will support loads up to 300 lbs. with a 25%.

MFR., Electro Marine Products (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

FEDERAL MARINE MOTORS CO.

FOOT THROTTLE

The Arens Foot Throttle Control operates on a rocker which requires toe pressure to accelerate, heel pressure to retard the throttle. Setting remains fixed with foot off the control, regardless of vibration or pounding. Prices, 12' control $18.25; 17' control $23.10.

MFR., Federal Marine Motors Co., 9011 Cottage Grove Ave., Chicago 19, Illinois.

TACHOMETER SYNCHRONIZER

Single electric tachometer is connected to both engines in dual installation. Engines are synchronized by setting switch for one engine, running engine up to desired rpm, then setting switch for second engine, and adjusting throttle to get the same rpm. Available in several scale ranges.

MFR., Federal Marine Motors, Chicago 19, Ill.

R. W. FERNSTRUM & CO.

GRIDCOOLER

Hull-type heat exchanger for cooling engine jacket water (keel cooling).

MFR., R. W. Fernstrum & Co., Menominee, Mich.

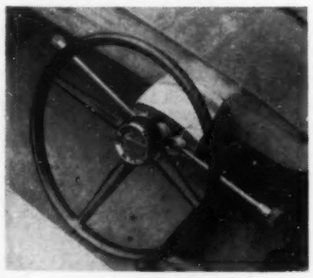
GENERAL FILTERS, INC.

GENERAL FILTER

For filtration of gasoline entering marine engine.

MFR., General Filters, Inc., Novi, Mich.

GERSTNER MFG. CO.



BOAT CONTROL

All-in-one boat control for outboard powered boats. Steering, throttle and shift are combined in one unit which is mounted on dashboard. Features lightweight aluminum mounting, control panel, throttle, shift levers, and steel-reinforced molded plastic, dished steering wheel.

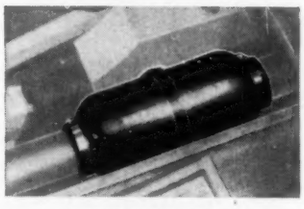
MFR., Gerstner Manufacturing Co., 5024 Beard Ave., So., Minneapolis, Minn.

GOLDSTEIN SCHWARTZ

Rubber hose and fire hose for marine applications.

MFR., Goldstein Schwartz, 927 Tyler St., St. Louis, Mo.

GRIFFITH MARINE

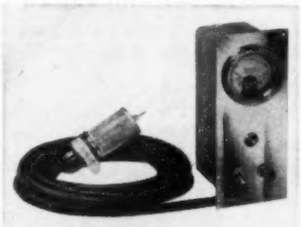


WET MUFFLER

A non-metallic, wet muffler for inboard marine engines, impervious to salt air, water, oils or acids generated in exhaust gases. Weight about 1/10th equivalent metal muffler. Can be installed with hacksaw and screwdriver. 14½" long, 6" diam., 4½ lbs. For exhaust lines up to 3" in diam., gasoline engines up to 150 hp, diesel engines to 60 HP. Price, $35.00.

MFR., Griffith Marine Line, Griffith Rubber Mills, Portland 10, Oregon.

HEATH CO.



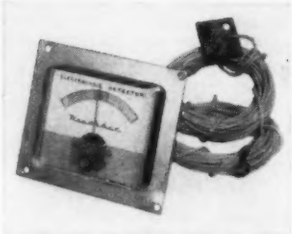
FUEL VAPOR DETECTOR KIT

Heathkit Models FD-1-6 (6 v DC) and FD-1-12 (12 v DC), vapor detector with an indicator that mounts on or near instrument panel and a pilot light which shows when the indicator is working. A three-color "Safe-Dangerous" scale indicates whether the engine may be safely started. The detector is placed in the danger area and connected to the indicator by a heavy-duty neoprene-insulated cable, highly resistant to the effects of oil and gasoline. Kit includes a spare detector unit. Shpg. wt., 4 lbs. Price, $35.95.

MFR., Heath Company, Benton Harbor, Mich.

ELECTROLYSIS DETECTOR KIT

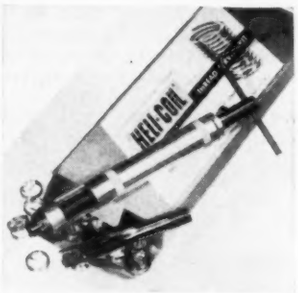
Heathkit model ED-1 indicates the extent of electrolytic currents between the boat's common ground and underwater fittings, except on boats with metal hulls, to warn of corrosion of the propellor and other metal fittings below water. Consists of a hermetically



sealed, waterproof meter; special sensing plate, wire and hardware for complete installation. Requires no power for installation. Price, $9.95.

MFR., Heath Company, Benton Harber, Mich.

HELI-COIL CORP.

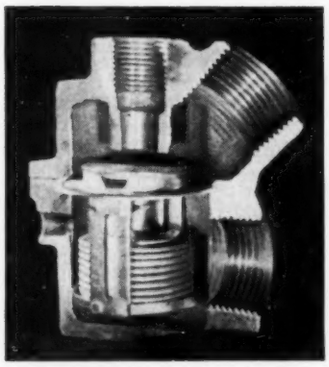


THREAD REPAIR KITS

For repairing worn, damaged and stripped threads in all types of inboard and outboard marine engines. Each kit contains a quantity of stainless steel wire thread inserts with taps and inserting tools in several sizes. 12 kits available, designed for years of usefulness by reordering inserts. Will handle almost every thread repair problem.

MFR., Heli-Coil Corp., Danbury, Conn.

HOLLEY MFG. CO.



TEMPERATURE CONTROL

Marine engine thermostat automatically maintains correct temperature, does not recirculate hot water through oil cooler or water pump, has no connections on suction side of water pump, eliminates possibility of stagnant water in system, does not increase pressure in system and causes no sudden temperature changes. Settings—145, 160, 180 degrees. In standard pipe sizes, ⅜" to 1", $24.75 to $28.50.

MFR., Holley Manufacturing Co., Waverly, Iowa.

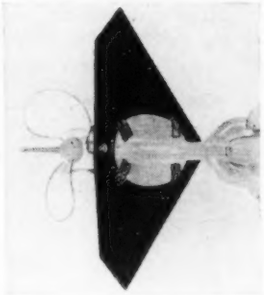
SAMUEL JACKSON'S SONS, INC.

GENII STRUT

A new strut for propeller shafts, which incorporates a split housing for the strut bearing, thus allowing easy removal and reinsertion of cutlass or babbitt bearings.

MFR., Samuel Jackson's Sons, Inc., 838 Suburban Station Bldg., Philadelphia 3, Pa.

JAGIEL RESEARCH & DEVELOPMENT CO.



STABILIZER

The Jagiel stabilizer for outboard motors of 15 HP and over. Fits on the cavitation plate and eliminates pounding, vibration and cavitation. Increases power and planing. Under normal conditions boat can be turned around in its own length at full throttle, without capsizing. Price, $9.95 F.O.B. Toledo.

MFR., Jagiel Research and Development Co., 3103 Algonquin Pkwy., Toledo 6, Ohio.

JAQUES CO.

ENGINEER'S SUPPLIES

Bolts, nuts, washers, screws, screw machine parts, non-corroding fasteners of all types, in all metals utilized in the marine trade. Specializing in brass, bronze, stainless steel, monel and aluminum items.

MFR., The Jaques Company, 67 Batterymarch St., Boston 10, Mass.

JOHNSON-WILLIAMS, INC.

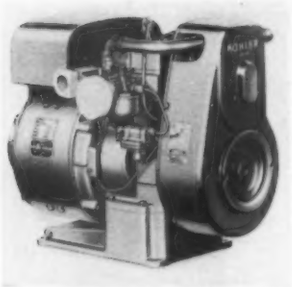
J-W SNIFFERS

Gas detection equipment. Indicating meter, the control panel, and the combustible gas detecting element. Shows the presence of gas fumes and their degree of explosiveness. An interlock arrangement keeps the engine from being started until the Sniffer is on. Automatic warning light and buzzer alarm can be installed.

MFR., Johnson-Williams, Inc., Palo Alto, Calif.

MARINE GENERATORS

Three direct water-cooled gen-



erators range from one to 2.5 kilowatt capacity. Designed and built for use on outboard and inboard cruisers, houseboats and sailing craft. All are powered by Kohler L160, 4-cycle, one cylinder, direct water-cooled gasoline engine. Cooling is by flotation water fed by pump to cylinder block and head, and then to discharge. Generator in each model is direct connected and mounted in a steel frame for strength and durability.

MFR., Kohler Co., Kohler, Wisc.

KRUEGER SENTRY

TANK GAUGE

A combined tank vent, measuring gauge and filler cap for outboard motor and remote tanks, built of heavy duty, corrosion resistant metals and Plexiglass Acrylic plastic. Will fit most tanks up to 12" deep with bayonet type fill openings. Price, $3.50.

MFR., Krueger Sentry Gauges, Green Bay, Wis.

LAFAYETTE SUPPLY CO.

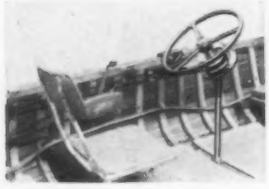
BATRI-BOX

Two sizes accommodate most 6 and 12 volt batteries. Designed for all electric starting outboards, boxes are made of ⅜" marine plywood finished with waterproof, acid-resistant varnish and nickel-plated hardware. Prices, $8.95 and $9.45.

MFR., The Lafayette Supply Co., West Lafayette, O.

HELM-RITE

Designed to enable owner to mount the wheel at the proper position for maximum performance. May be easily mounted in any position on



gunwale, port or starboard; eliminates necessity of center deck and provides clear passage from bow to stern. Aluminum construction, for any small craft. Price, $21.95.

MFR., The Lafayette Supply Co., West Lafayette, O.

REMOTE CONTROL MOUNT

Adjustable gunwale bracket and control panel does away with remote control mounting problems. Can be attached to any small craft above or below gunwale, providing correct angle control with four easily-changed height settings. No holes need be bored. Price, $4.95.

MFR., The Lafayette Supply Co., West Lafayette, O.

F-46, F-47 FUEL FILTERS

Keeps dirt from outboard auxiliary fuel tanks, and needs removing only for cleaning. F-46 model is designed for Johnson and Evinrude 4 and 6 gallon tanks; the F-47 model for Mercury, Wizard, Scott-Atwater and Oliver tanks. Brass construction with 20 to 25 sq. in. of screen area. Prices, F-46, $2.25; F-47, $1.95.

MFR., The Lafayette Supply Co., West Lafayette, O.

GAS TANK GRIPPER

Keeps auxiliary gas tank secured and out of the way. Base is ⅜", grippers are ¾" marine plywood with one gripper glued and screwed to the base, the other adjustable and tightened by a wing nut. Grippers are lined with neoprene bumper. For tanks without seams, a web strap is furnished to hold tank in place. Finished in waterproof varnish with nickel-plated hardware. Prices. $5.75 and $5.95.

MFR., The Lafayette Supply Co., West Lafayette, O.

LA MARCHE MFR. CO.

CONSTAVOLT

Automatic marine converter. Converts 115 volt AC shore current to DC power for charging batteries and operating all accessories aboard ship.

MFR., La Marche Mfg. Co., 49 Woodruff Ave., Wakefield, R. I.

CHARJALL

A manually operated charger, on wheels, for docks and marinas. DC output 0-45 v, 20 amps, can charge any number of cells from 1 to 36.

MFR., La Marche Mfg. Co., 49 Woodruff Ave., Wakefield, R. I.

AUTOMATIC BATTERY CHARGER

For use on outboard cruisers and small inboards. Type J 6 or 12 v or Type R24, 30 or 32 volts.

MFR., La Marche Mfg. Co., 49 Woodruff Ave., Wakefield, R. I.

SEA SAFE

Remote controlled electrically and mechanically operated battery switches for remote control of all battery power aboard.

MFR., La Marche Mfg. Co., 49 Woodruff Ave., Wakefield, R. I.

LEHMAN MFG. CO.

BRASS EXPANSION PLUGS

Most automotive engines in current production are equipped with steel expansion plugs in the block. When an engine is converted for marine use, corrosion may result from salt water contact with these plugs.

MFR., Lehman Manufacturing Co., 972 Broad St., Newark 2, N. J.

LIBERTY INDUSTRIES

GAS AND OIL CANS

MFR., Liberty Industries, Inc., 906 Kent Ave., Brooklyn 5, N. Y.

LUMEX, INC.

No. 102 OUTBOARD MOTOR STAND

Features include reinforced aluminum construction and non-tip design. 3 models are available for all size motors. Prices, from $6.95 to $11.95.

MFR., Lumex, Inc., 11 Cleveland St., Valley Stream, N. Y.

No. 273 OUTBOARD MOTOR CARRIER

This carrier is of reinforced aluminum construction with triangle-braced non-tip design to give increased stability for heavy motors. Heavy duty oil-less bearing wheels for easy handling and quick, compact folding. 6 models for all size motors and tanks. Prices, from $9.95 to $29.95.

MFR., Lumex, Inc., 11 Cleveland St. Valley Stream, N. Y.

MAGIC TOOLS, INC.

SWIVEL MOTOR MOUNTS

Made of heavy duty aluminum alloy, rubber cushioned. Treated against salt-water corrosion. This model is made in two sizes for one or two motors. Price, $69.50 to $98.

MFR., Magic Tools, Inc., 991 Williams St., San Leandro, Calif.

STANDARD MOTOR MOUNTS

Single and twin models, all rubber-cushioned and constructed of aluminum alloy laboratory-tested to withstand load pressure of 3515 lbs. Equipped with remote steering hook-up brackets, mounts are adjustable. Designed for motors to 25 HP, they are treated for resistance to corrosion, and equipped with hardwood "false transom" boards. Prices, $48.50 to $79.30.

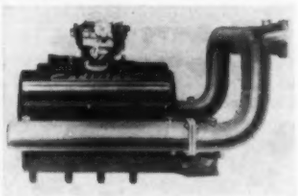
MFR., Magic Tools, Inc., 991 Williams St., San Leandro, Calif.

HEAVY DUTY MOTOR MOUNTS

Special mount for large, heavy motors is 22⅝" deep, with a special 1¾" hardwood transom board. An extension bracket fastens onto the mount giving an additional 3". Mounted on rubber that goes through the boat and completely seals it. Prices, single mount, $72; with extension, $84; double mount, $105; with extension, $123.

MFR., Magic Tools, Inc., 991 Williams St., San Leandro, Calif.

MARINE MANIFOLD CORP.



EXHAUST HEADER AND MANIFOLD

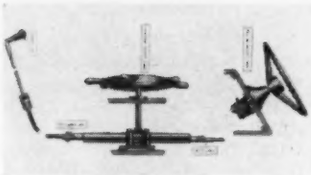
A copper, water jacketed, exhaust manifold unit for the Cadillac V-8 engine, illustrated; also custom made, corrosion-resistant pipes, goosenecks, elbows, "U" bends, and headers for other V-8 engines; details on request.

MFR., Marine Manifold Corporation, 146 Mott Street, Bldgs. 17-19, Oceanside, N. Y.

MARMAC PRODUCTS

TOPSIDE DUAL STEERER

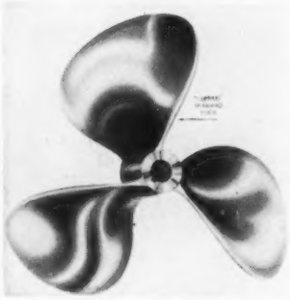
Entirely mechanical and especially adapted for use by sport fishermen, this unit eliminates need for opening and closing valves at either wheel. "Tru-Lay" push-pull cable operation from wheels to rudder. Mate-



rials selected for non-magnetic and non-corrosive qualities.

MFR., Marmac Products, 2400 Bellevue Ave., Detroit 7, Mich.

MICHIGAN WHEEL CO.



DYNA-JET PROPS

Cupped-blade propellers for inboard application feature a rolled-up trailing blade edge for Michigan Wheel Dyna-Jet wheels, to give extra speed. Sold only for approved applications; specifically, high speed, high rpm runabouts in the 35 mph and up class, normally involving 150 or more HP and a minimum of 3600 rmp. Available in standard sizes through 15" diameter in Ni-Bral, formerly Michalloy, only.

MFR., Michigan Wheel Co., Grand Rapids, Mich.

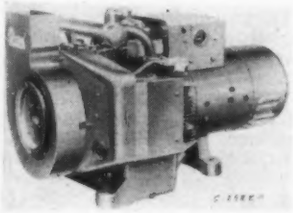
MORSE INSTRUMENT CO.

CHARGICATOR

Electronic accessory for reading the charge and voltage of batteries.

MFR., The Morse Instrument Co., 28 Clinton St., Hudson, Ohio.

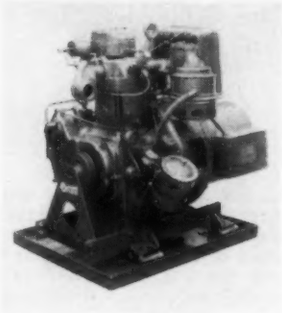
D. W. ONAN & SONS



VACU-FLO

A 5000 watt, air cooled electric plant equipped with a new system of air-cooling a below decks gasoline engine driven generator. The unit has been approved for this unusual installation when rigged in accordance with bulletin NFPA 302, file 300 Series Marine, Fire Protection Standards For Motor Craft, dated May, 1957. The "Vacu-Flo" feature provides for lower maintenance costs, easier installation plus ¼ to 1 HP equivalent of forced draft in the engine compartment. A complete line of conventionally water cooled models is also available.

MFR., D. W. Onan & Sons, Inc., Minneapolis, Minn.



LIGHTING PLANTS

A 3000 watt marine diesel powered generator for supplying varied electrical currents aboard yachts. Powered by a water cooled, single cylinder, 4 cycle full diesel. Available in 115 volt, 60 cycle; 115/230 volt, 60 cycle; combination 115 volt, 60 cycle and 32 volt DC for battery charging; and straight 32 volt DC. Other requirements on special order. Onan plants are now available with "Vacu-Flo" air cooling which eliminates the need for elaborate installation. May be mounted below decks where it both provides sufficient cooling for the unit and ventilates the bilge compartment with the equivalent of ⅓ HP of positive draft. A 10 kilowatt version powered with a Hercules DD149 water cooled 3 cylinder engine is also available.

MFR., D. W. Onan & Sons, Inc., Minneapolis, Minn.

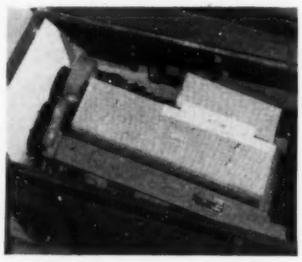
PARAGON GEAR WORKS

PARAGON GEARS

The H series of Paragon gears are suitable for all requirements up to 300 HP. A compact, highly efficient transmission equipped with anti-friction bearings throughout. Features full clutch-plate separation for positive neutral, reducing heating and creep. The H series is available in direct drive and reduction ratios of 1.5, 2, 2.5, and 3 to 1.

MFR., Paragon Gear Works, Inc., Taunton, Mass.

PEARCE-SIMPSON, INC.

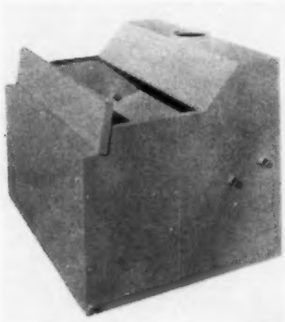


TIFFINY SPARKSHIELDS

Sparkshields eliminate engine electrical noise in radiotelephone receivers. Simple to install, they will not affect engine performance or efficiency. Constructed of perforated, anodized aluminum and available for Chris-Craft CC-K, CC-M and CC-W; Chrysler Ace, Crown, Royal, Majestic, V-8 200 and V-8 225; Gray 160, 110, 6-112, 6-226, 6-77, 185, 200, 6-427 and Super 6-427; Owens 95 and 136; Nordberg-Knight, Tarpon and Marlin engines. Price, $39.50.

MFR., Pearce-Simpson, Inc., 3023 Coral Way, Miami 45, Fla.

PETERSON BROS.

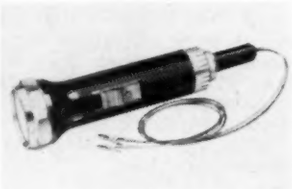


OUTBOARD TEST TANK

4'x5', this 3-motor test tank is designed to handle the new Johnson and Evinrude 50 HP engines as well as other large outboards.

MFR., Peterson Bros., Box 51, Station G, Jacksonville, Fla.

RAY-O-VAC CO.

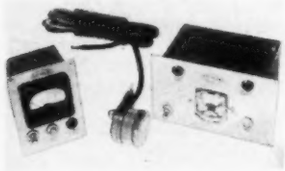


N225 CONTINUITY TESTER

For testing motor hi-tension cables, mercury switches, switch cables, and start and choke switches on outboard and inboard motors. Heavy-duty flashlight has special end cap and attachable tester, equipped with a jack to plug unit into flashlight end cap. Can also be used for checking wiring, controls, circuits, fuses, grounds, shorts, broken wires, switches, limits, relays, motors and also for checking and setting contacts. Price, $6.75 complete.

MFR., Ray-O-Vac Co., 212 E. Washington, Madison 10, Wisc.

RAYTHEON MFG. CO.



GAS DETECTOR

A warning system to detect the presence of dangerous combustible fumes aboard small craft. Presence of gas causes a visual or a visual-audible warning, depending on the model. Prices: Model A—$64.50; Model AA—$158.00.

MFR., Raytheon Manufacturing Company, Waltham 54, Mass.

SHORE POWER CONVERTER

Stichell converters feature a two-circuit design permitting use of 110-volt AC shore power for battery charging and simultaneous operation of lights and appliances with no battery drain. Prices from $112.50 to $510.00.

MFR., Raytheon Manufacturing Company, Waltham 54, Mass.

SNOW NABSTEDT GEARS

GEARS

Marine transmissions, reduction gears, angle drives for diesel and gasoline engines. Manual, oil activated, air operated gears. ½" to 6" bore couplings.

MFR., Snow Nabstedt Gear Corp., P. O. Box 1753, New Haven 7, Conn.

THOS. S. STALEY

JACKASS LIFTER-UPPER

Moves outboard motor up-down for traversing shallows, rapids while underway. Detachable.

MFR., Thos. S. Staley, Rt. 1, Box 196, Eagle Point, Ore.

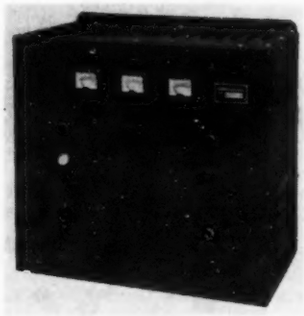
STANNUS PROPELLERS

PROPELLERS

Products include Tobin bronze and monel shafting, strut bearings.

MFR., Stannus Propeller Co., 356 E. Jefferson Ave., Detroit 26, Mich.

STICKELL MARINE PROD.



SHORE CONVERTERS

Change 115 v AC to two independent boat power circuits; one operates lights, the other charges batteries. All 25 models in line feature automatic circuit breakers. Priced from $112.50.

MFR., Stickell Marine Products Co., Baltimore, Md.

SUDBURY LABORATORY

AUTOMATIC BILGE CLEANER

Deodorizing additive ends odors. Non-caustic. Roll of boat does the work. Mixes and emulsifies floating gas and oil with water. Pint $1.29, 8 oz. 75c.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

FORMULA 138

Non-caustic, non-flammable. For use in cleaning carburetors, injectors, valves, strainers, fuel lines, and greasy, oily parts. Fuel oil additive to keep

tanks, lines, fillers, and nozzles clean. Will remove carbon and baked on deposits from parts. Price, pt. can $1.50.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

DEE-SOLV

For clean water cooling passages in outboard motors. Frees mineral deposits and sludge from the water passages. For cleaning already clogged motors, use in outboard test tanks.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

AUTOMATIC ENGINE ALARM

Made of bakelite and nonconductive plastic. Flashes a light and sounds a buzzer when oil pressure drops to 3 lbs. or cooling water temperature reaches 200°. Price, 6 v $19.95; 12 v $22.95; 32 v $24.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

AUTOMATIC SAF-T-SWITCH

Blower and ignition switch permits operation of the blower, ignition system, and the starter with one lever. Has a built-in stop at the blower position which reminds the operator to operate his bilge blowers for the proper length of time, then passes on, after pressing off the stop button, to ignition; and then the switch can be advanced against the spring to starter. Upon releasing the switch, it will return to the ignition position. Made of the same materials as other Sudbury vapor-proof switches. Price, $9.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

SINGLE POLE SWITCH

Capacity of 300 amps at 6 v, 150 amps at 12 v; built of the same material as the Sudbury multiple pole vapor-proof switch with the same construction. Measures 2¾"x2¾". Made in one model only. Protrudes from the bulkhead 1⅛". Price, $7.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

CONTROL CASING

Sudbury's red elephant hide control casing is non-corrosive, oilproof, waterproof, will not stretch or kink, has built-in lifetime lubricant. Control casing will fit any standard bowden wire control casing fittings.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

LIQUID AQUA-CLEAR

The only edible rust inhibitor. Stops rust in drinking water tanks. Odorless, colorless, tasteless, nontoxic. Most satisfactory rust inhibitor for closed cooling systems. Quantities available from 1 oz. to 100 gal. Price per pint, $1.98; $3.50 per qt.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

RAW WATER STRAINER

Duplex or double screen type of strainer requiring no manual switchover. When the first screen becomes clogged, the second screen does the filtering. When the second screen becomes clogged, the water is automatically bypassed over both screens so that the engine always receives water. Made of transparent plastic, with no metal parts, the unit is easy to clean, and no tools are necessary. Price, $43.95 to $249.25.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

SAV-A-TANK CARTRIDGE

To neutralize the acid that is made when condensation water and fuel mix, and to stop rust and corrosion on the bottom of the tank where condensation water collects. Price, $3.00. Small size for carrying outboard tanks, 75¢.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

PENETRATING OIL

For cleaning metal parts; removes carbon. Comes in 4½ oz. cans with two-position nozzle to produce either a spray or a stream. Price, 98¢.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

WATER JACKET CLEANER NOS. 1 AND 2

Removes rust and scale throughout water jackets of an engine. No. 2 will dissolve mineral salts, such as magnesium and calcium which form a flint-like deposit inside water jackets. Price, $1 per can.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

AQUA-CLEAR FEEDERS

Stops rust and corrosion in all types of marine engines and water systems, controls electrolysis, and reduces scale. Crystals dissolve slowly and form glass-like film that bonds itself to all metal surfaces, but will not build on itself. Use of feeders will not effect heat transfer nor clog water passages. They can be mounted vertically or horizontally at any angle between water intake and water pump. Prices, from $29.95 up.

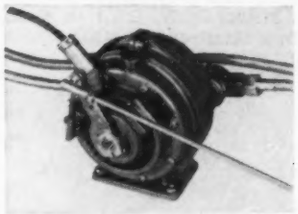
MFR., Sudbury Laboratory, Co. Sudbury, Mass.

WATER STRIPPER

Water filter which eliminates condensation from diesel fuel, saving injector corrosion and fuel malfunctions. Two sizes "A" for 20 gal. per hr. capacity and ½" pipe and "B" for 50 gal. per hr. capacity. Larger sizes upon order. Price, standard unit, $43.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

SYNCHRO-MASTER CO.

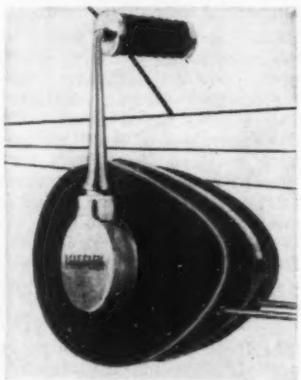


SYNCHRO MASTER

An automatic device for synchronizing the rmp of twin screw marine power plants. For diesel or gasoline motors and, with accessories, for new turbo-charged diesels. A mechanical device, the unit provides single throttle control for cruising, and independent control for maneuvering and starting. Eliminates vibration and exhaust beat and keeps perfect synchronization even when running in a seaway. Differential gear system is sealed in an aluminum case and runs in oil. Weighs 13 lbs., 6½" diametr, 7" long.

MFR., Synchro-Master Co., 15 Lantern Lane, Barrington, R. I.

TELEFLEX, INC.



OUTBOARD CONTROLS

Single lever throttle and shift control for all outboard motors. Eliminates eye contact with mechanism. Low-friction non-corrosive flexible conduits and precision fittings. Two "Teleflex" controls may be mounted in tandem for twin engine installations.

MFR., Teleflex Incorporated, Church Road, North Wales, Penn.

TEMPO PRODUCTS CO.

FUEL TANKS

Tanks for extra fuel feature terne-plate lead coated steel construction with welded body seams and built-in baffles, plus a three-way gas gauge. Allowance is made for adding oil, plus a 5 per cent expansion space above the fuel level.

MFR., Tempo Products Co., 6515 Carnegie Ave., Cleveland 3, Ohio.

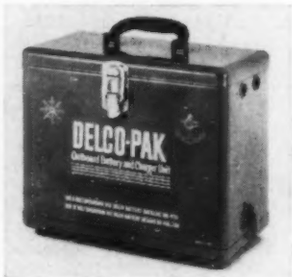
TERADO CO.

TRAV-ELECTRIC INVERTERS

These units change battery current (6 or 12 v) to 110 v AC for the operation of electrical appliances such as electric shavers, record players, electric drills, portable TV. Available in 4 models.

MFR., Terado Co., 1068 Raymond Ave., St. Paul 14, Minn.

UNITED MOTORS SERVICE

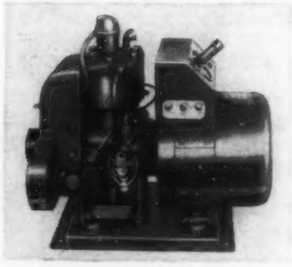


DELCO-PAK

Portable combination battery and charging unit. Carries a 6 or 12 volt battery alongside a self-regulating charging unit. To recharge merely plug into any 110 volt, 60 cycle outlet. Weighs 13 lbs. without battery. 13"x7"x11½". Made from corrosion resistant steel; rubber grommet seals protect cable openings from water seepage.

MFR., United Motors Service, Div. of General Motors, Detroit 2, Mich.

UNIVERSAL MOTOR CO.



LIGHT PLANTS

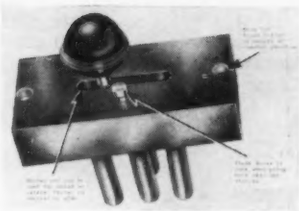
A complete line of diesel water cooled marine lighting plants are featured by Universal. Capacities range from 10 to 35 KW. Generators feature high KW output, a wide range of voltages and flexible control installation. Illustrated is the 12 volt fresh water-cooled model. Also a complete selection of air or radiator cooled gasoline lighting plants from 250 to 12,000 watts with battery chargers in all standard AC & DC voltages. Engineered to fit below decks and comply with strictest marine safety requirements.

MFR., Universal Motor Company, Oshkosh, Wisc.

VAC-U-MATIC CORP.

GERSHEL REMOTE CONTROLS

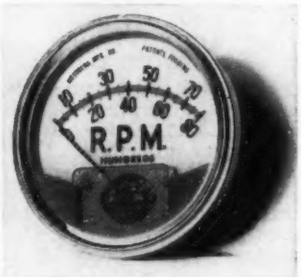
Four types of "Feather Touch" remote clutch and throttle controls which operate on vac-



uum power from a single tube off the intake manifold. No electrical or secondary hook-ups are required. Prices start at $69.50.

MFR., The Vac-U-Matic Corp., Marine Products, 30

WESTBERG MFG. CO.



TACHOMETERS

4" dial face and 3" diameters are available. Both have range of 0 to 8000 rpm. Features include compactness, chrome-polished rim, indirect lighting, dust and moisture seal, shock-proof. Leads can be any length without affecting ignition. 2% accuracy guaranteed, one year warranty. Speed ranges, 0 to 2500, 0 to 3500, 0 to 5000 and 0 to 8000. Electric tachometers are for outboard and inboard engines. Prices: 4", $44; 3", $34. A 3" model with dry cells is available for small outboards. The "Westach" dual tachometer is available in 4" models, 6000-0-6000 rpm.

MFG., Westberg Mfg. Co., So. Coombs St., Napa, Calif.

WESTERN BLOWER CO.

WIXKULER

Fresh water cooler for gasoline or diesel engines. Made of monel shell bronze casting, copper tubes.

MFR., Western Blower Co., 1800 Airport Way, Seattle, Wash.

WHITMAN & ROBINSON

NOMAR TANK HOLDER

Constructed of welded metal coated with thick vinyl plastic, to cushion vibration noise, prevent boat damage and save wear on tank. Holder is impervious to corrosion. 16 holes for anchor screws facilitate fitting to boat's frame. Available in several models for various outboard gas tanks.

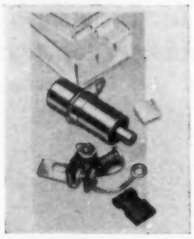
MFR., Whitman & Robinson, Weedsport, N. Y.

WICO ELECTRIC CO.

MAGNETOS

Magnetos, flywheels for outboards and inboards. Magneto replacement parts.

MFR., Wico Electric Co., Division of Globe-Union Inc., West Springfield, Mass.



MAGNETO TUNE-UP PACKAGE

Contains condenser and complete breaker contact assembly for replacement in 80% of magneto failures. For use on Wico equipped outboard motors.

MFR., Wico Electric Co., Division of Globe-Union, Inc., West Springfield, Mass.

WILLARD STORAGE BATTERY

12-VOLT POWER PACK

For use with 12 v electric starting outboard motors. A 12' charging lead connects to any 110 v, 60 cycle AC outlet for dock side charging. Tool compartment and a standard outlet on the side. Weight is 55 lbs., will provide running lights for 15 hours.

MFR., Willard Storage Battery Div., 246-286 East 131 St., Cleveland, Ohio

E. J. WILLIS

HARDWARE

Rubber rotary bearings for propeller shafts, marine exhaust blowers, cabin ventilation fans are among the many Willis Hardware products.

MFR., E. J. Willis Co., Middleville, Herkimer County, N. Y.

WORTHINGTON PRODUCTS

NO-VIBE PADS

Noise and vibration stoppers. Fit over transom of outboards. Price, black, $3.95; white, $4.95.

MFR., Worthington Products, Inc., 441 Lexington Ave., New York 17, N. Y.

HARDWARE DESIGNERS, INC.

NYLSLIDE

Tiller rope guide molded from Dupont Nylon, said to have a low coefficient of friction. #300 with pad eye to pass rope at right angles to base; #301 with pad eye to pass rope in line with base. 100 to a box, 25¢ ea.

MFR., Hardware Designers, Inc., 1052 E. Elizabeth Ave., Linden, N. J.

METERS & GAUGES

AIRGUIDE INST. CO.

No. 700 SAILBOAT SPEEDOMETER

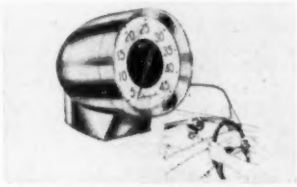
Dial face diameter, 3". Gives speed range from 0 to 15 mph or 0 to 13 knots. Features include Airguide Contralog* movement and uniform dial graduations. Guaranteed by manufacturer. Price, $10.95.
*Registered.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

Nos. 701, 702, 703 SPEEDOMETERS

All have 3" dial face diameter. Speed ranges, 701, 0 to 30 mph, also 0 to 26 knots; 702, 0 to 45 mph, and 703, 0 to 75 mph. Each instrument contains Airguide Contralog* movement and dials calibrated to 1 mph. Guaranteed by manufacturer. Price, $8.95.
*Registered.

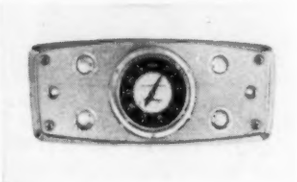
MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.



No. 707 DOLPHIN SPEEDOMETER

Dial face diameter, 3". Speed range is from 3 to 45 mph. This speedometer features illuminated dial and has Airguide Contralog* movement. It mounts on deck and has streamlined appearance. Guaranteed by manufacturer. Price, $15.00.
*Registered.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.



Nos. 708S & 708D SPEEDOMETER PANELS

Dial face diameters 3" in 10⅞" wide panels, both in a speed range from 0 to 45 mph. These instruments contain Airguide Contralog* movements. 708S has access for switches for single motor and lights, while 708D has access for switches for dual engines and lights. Prices, 708S, $15; 708D, $16.
*Registered.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

No. 709 SPEEDOMETERS

Dial face diameter, 3". Speed range is from 0 to 45 mph. This instrument has back-connected flange mounting

and contains Airguide Contralog* movement. Dial reads in 1 mph graduations. Guaranteed by manufacturer. Price, $8.95.
*Registered.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

No. 710 SPEEDOMETER

Dial face diameter, 3". Speed range is from 0 to 45 mph. This back-connected, flush-mounting instrument contains Airguide Contralog* movement. Price, $10.95.
*Registered.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

BENDIX AVIATION CORP.

OUTBOARD TACHOMETER

An accurate, self-energizing instrument which can be attached to any outboard motor. Operates from impulses taken from primary, low tension side of magneto, and will not affect engine operation. Prices: Model A, 0 to 8000 rpm, $39.95; Model C, 0 to 6000 rpm (for 1, 2 and 4 cyl. except Mercury 4 cyl.), $39.95; Model B, 0 to 8000 rpm, $41.95; Model D, 0 to 6000 rpm (for 4 cyl. Mercury), $41.95, and Model E, 0 to 8000 rpm (for 6 cyl. Mercury), $45.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

BURTON ROGERS CO.

No. 618B-6 & 618C-12 VOLTMETER

For 6-volt or 12-volt batteries. This Hoyt performance meter is illuminated and mounts on dash for continual check on generator and battery system. Price, $12.50.

MFR., Burton Rogers Co., 42 Carleton St., Cambridge 42, Mass.

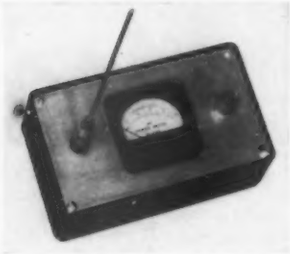
THOS. G. FARIA CO.

ELECTRIC TACHOMETERS

For inboard gasoline engines in 0-4,000 rpm and 0-5,000 rpm ranges, price $29.95. Outboard motor models 0-6,000 rpm range, price $34.95.

MFR., Thomas G. Faria Co., 14 Joyce Court, Niantic, Conn.

HEATH CO.



RF POWER METER KIT

Heathkit Model PM-1, a device to sample the r.f. field in the vicinity of a transmitter. No batteries, electricity, or direct communication to transmitter required. Detects power drop off. Operates with transmitters of output frequency between 100 kc and 250 megacycles, regardless of power. Sensitivity is 0.3 v RMS full scale, with a control on the panel for adjustment. Meter is a 20 ua. unit, mounted on a chrome plated brass panel. Measures 3¾" wide, 6¼" long, 2" deep. Price, $14.95.

MFR., Heath Company, Benton Harbor, Mich.

CHARGE INDICATOR

Heathkit Model C1-1 battery charge indicator which replaces the hydrometer and eliminates working with acids inside the boat. Dimensions 2⅞" wide, 5 11/16" high, 2" deep. Operates on 6 and 12 volt systems using lead-acid batteries. Price, $16.95.

MFR., Heath Company, Benton Harbor, Mich.

KENYON INSTRUMENTS

SPEEDOMETER

Speedometer unit consists of a strut, metallic bellows, hydraulic tubes and an indicating dial. Dial range: 10 or 12 knots; 10 mph; 6, 12 or 32 volt for lighting.

MFR., Kenyon Instrument Co., Inc., Brewster, N. Y.

KETCHAM & McDOUGALL

AQUA METER OUTBOARDER

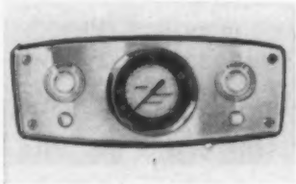
Dial face diameter, 3". Available ranges of 5 to 35 mph; 5 to 45 mph and 10 to 55 mph, in either flush-mount or surface-mount cases. Features include 3-color dial, corrosion resistant, triple-plated chrome case with all brass movement. All models complete with "install it yourself" tube assembly kit. Price, $12.95.

MFR., Ketcham & McDougall, Inc., 465 Eagle Rock Ave., Roseland, N. J.

AQUA METER MONITOR

Dial face diameter, 3". Available with speed ranges of 5 to 35 mph; 5 to 45 mph and 10 to 55 mph. Triple-plated chromium case and 3-color dial. Mounts with 2 studs on any surface; each unit shipped complete with "install it yourself" assembly kit. Price, $18.75.

MFR., Ketcham & McDougall, Inc., 465 Eagle Rock Ave., Roseland, N. J.



AQUA PANEL MODEL 88

Dial face diameter is 3". Brass panel, triple-plated chrome on both panel and meter. All brass movement. Speed ranges from 5 to 35; 5 to 45 and 10 to 55 mph. Models available for ammeter and dual motor installations. All models shipped complete with "install it yourself" assembly kit. Price, $20.95.

MFR., Ketcham & McDougall, Inc., 465 Eagle Rock Ave., Roseland, N. J.

KING INDUSTRIES

TACHOMETERS

One unit — no batteries or transmitter needed. Price, $44.95.

MFR., King Industries, 37 Hurley St., Cambridge, Mass.

LEHMAN MFG. CO.

INSTRUMENT PANELS

Various combinations of instruments and specifications available.

MFR., Lehman Mfg. Co., 972 Broad St., Newark 2, N. J.

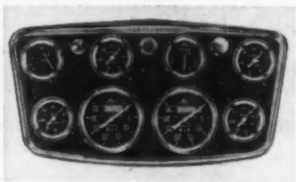
SMITHS INDUSTRIAL INSTRUMENTS, LTD.

SMITHS SPEEDOMETERS

Models give dual readings in knots and mph, and are complete with tubing and Pitot head. All have 3" dial face diameters. Available ranges include 0 to 10, 0 to 35, 0 to 45 and 0 to 70 knots (and mph equivalent).

MFR., Smiths Industrial Instruments, Ltd., London, Eng. Frederick Goertz, Ltd., distributor, Vancouver, B. C.

STEWART-WARNER



MARINE PANELS

Instrument panels for gasoline or diesel powered boats, from runabouts to 80-footers. Panel construction allows customer to select frame, faceplate, tachometer and gauges to be assembled into an individualized panel.

MFR., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.

WESTBERG MFG. CO.

INSTRUMENT PANELS

9⅝"x4⅜" panel includes one tachometer. Panels available for both outboard and inboard boats, suitable for tachometer, ammeter and panel switches.

MFR., Westberg Mfg. Co., 144 So. Coombs St., Napa, Calif.

WILCOX-CRITTENDEN DIV., NORTH & JUDD

"SEA-MASTER" SPEEDOMETERS

Available for either dash or deck mounting, speedometers have extremely large graduations making it possible to read accurately to ¼ mph. Precision calibrated with chrome-plated case and base, speedometers come in 2 sizes, Size 1 registers maximum of 35 mph, Size 2 registers to 50 mph.

MFR., Wilcox-Crittenden Division, North & Judd Manufacturing Co., Middletown, Conn.

RAWL MARINE

AQUA SPEED SPEEDOMETER

Designed for use on outboards, has dial calibrated in 0-45 mph and 0-40 knots. Head and bracket are primed with Vinyl yellow zinc chromate, then enameled. Chrome plated bezel ring, stabilizer and adjustable pitot tube of anodized aluminum. Fits transoms 12" to 20".

MFR., Rawl Marine, 167 Valley St., Providence 9, R. I.

NEW ANNOUNCEMENTS

ALLCRAFT MFG. CO.

MUFFLER

Wet or dry type mufflers are available in a variety of models, with a ½" drain in wet mufflers only. Mufflers are of monel, with 6", 8" and 9" diameters, and in 8" to 30" lengths. Intake and outlet diameters range from 2" to 5".

MFR., Allcraft Manufacturing Co., Inc., 27 Hayward St., Cambridge 42, Mass.

MODEL 10 CYLINDRICAL "SEAFARER" INBOARD TANKS

Available with capacities from 9 to 80 gallons, tanks are of monel, and all seams are resistance welded, with all openings of proper size to vent, fill and feed in compliance with Yacht Safety Bureau Standards. Also available in Model 20 rectangular style, and outboard tanks, Model 40 rectangular and Model 30 Cylindrical styles.

MFR., Allcraft Manufacturing Co., Inc., 27 Hayward St., Cambridge 42, Mass.

ALLIS-CHALMERS

MODEL 6DAMR-273

Engine is designed for use in 22-60 foot boats. Weighs under 1,000 lbs., complete with marine gear. Delivers 85 HP at 2800 rpm. Has 3¾" bore, 4⅛" stroke, 273 cu. in. piston displacement.

MFR., Allis-Chalmers Mfg. Co., Milwaukee, Wis.

AMERICAN MAT CORP.

OUTBOARD TANK MAT

A new noise eliminating, skid-

less rubber mat for outboard motor gas tanks. Designed to catch spilled gasoline and oil and protect boat finish. Colors to harmonize with boat. Also rubber mats and stair treads suitable for marine use.

MFR., American Mat Corp., 2316 Adams St., Toledo, Ohio.

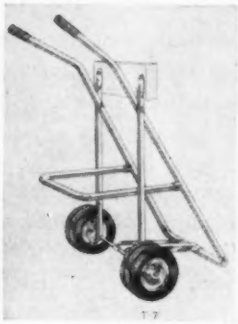
AR-KAM MACHINE CO.

PROPELLER STRUTS

V-type struts, single arm struts, skeg type struts and intermediate struts for every make and model of boat are made of high grade bronze. Gauge is available from dealers for determining measurements and contours for custom V-type struts.

MFR., Ar-Kam Machine Co., P. O. Box 102, East Hartford, Conn.

BRINKTUN, INC.



MOTOR CARTS

Motor carts designed for easier handling of larger outboard motors up to and including 40 HP. Models available for all motor sizes from 35 to 50 HP.

MFR., Brinktun, Inc., 710 North 4th St., Minneapolis, Minn.

CHAMPION SPARK PLUGS

K-55R SPARK PLUG

The new plug is part of a line of outboard plugs inaugurated earlier this year with the introduction of the K-58R for outboard racing engines. K-55R replaces R-11 and R-11s. Is 18mm with a half-inch reach and features an extra-strength insulator in stronger, one-piece shell. It incorporates greater clearance volume at the firing end of the plug for a broader operating range, and is said by Champion engineers to have excellent anti-fouling characteristics for its heat range. The K-55R has the new Powerfire electrode.

MFR., Champion Spark Plug, Upton Ave., Toledo, Ohio.

DAKOLINE

BILGE CLEANER

"Ship Ahoy Roll-A-Way" bilge cleaner, "Ship Ahoy Aqualube" pump and marine toilet lubricant, "Ship Ahoy Barfair 77" rot and mildew-proofer for sails and other cleaning and polishing materials.

MFR., Dakoline Chemical Co., Inc., 357 Atlantic Ave., Brooklyn 17, N. Y.

EAGLE MFG. CO.

FILLER CANS

Filler is made of heavy galvanized steel with bottom double seamed to body. Equipped with detachable flexible spout, strainer screen, vent-clip cap, and oil measure graduated in ¼, ⅓ and ½ pint capacities. Five gallon capacity. Other fillers available in 1 to 5 gallon capacities.

MFR., Eagle Mfg. Co., Wellsburg, W. Va.

EDSON CORP.

STEERING QUADRANTS

Complete line of manganese bronze steering quadrants from 8" to 24"; larger sizes on request. Feature a wire tightening device at quadrant base for accessibility and a split hub for ease of installation.

MFR., Edson Corp., 334 S. Water St., New Bedford, Mass.

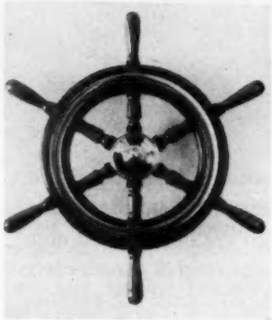
PEDESTAL STEERER

Pedestal steerer with matched 24" wheel in teak, mahogany or chrome. Combines ease of wheel steering with "feel" of tiller steering. Entire unit is non magnetic, features nylon bearings, working parts of bronze or brass, floating friction brake, and stainless steel roller chain. Chrome binnacle takes 5 or 6" compass.

MFR., Edson Corp., 334 S. Water St., New Bedford, Mass.

STEERING WHEELS

Complete line of quality steering wheels in teak, mahogany and bronze. Wooden wheels are hand made of seasoned stock; hubs are polished bronze or chrome plate. Built with 6, 8



and 10 spokes in proportion to sizes ranging from 20 to 60". Bronze wheels are cast in standard or spokeless modern designs and are available in 16-30" sizes.

MFR., Edson Corp., 334 S. Water St., New Bedford, Mass.

GAMBLE-SKOGMO

38 HP HIAWATHA

38 HP motor is available with electric or manual start, has full forward, neutral and reverse gear shift, twist-grip throttle control and stabilized steering. Also has separate, large capacity fuel tanks and built-in remote control connections; roller and needle bearing powerhead. Weight, 128 lbs., develops 38 HP at 4800 rpm. Price, $609.95 for electric start model, $509.95 for manual start model. Other models are: 3.6 HP, $109.95; 5 HP, $209.95; 7.5 HP, $239.95; 10 HP, $319.95; and 16 HP, $349.95.

DIST., Gamble-Skogmo Stores, 15 N. Eighth St., Minneapolis, Minn.

GOULD-NATIONAL BATTERIES, INC.

STORAGE BATTERIES

Kathanode batteries in 6, 8 and 12 volt sizes for all marine needs. Grids are protected by silver cobalt.

MFR., Gould-National Batteries, Inc., St. Paul 1, Minn.

JOHNSON PROPELLER CO.

OUTBOARD RACING PROPS

A wide variety of propellers for Evinrude, Johnson, Scott-Atwater, Fageol, Mercury motors, plus "OJ" and Super "OJ" props, and others.

MFR., Johnson Propeller Co., 603 Lancaster St., Oakland 1, Calif.

KOHLER CO.

MARINE ELECTRIC PLANTS

Three new direct water-cooled marine electric plants range from 1 to 2.5 kilowatt capacity. Designed for use on outboard and inboard cruisers, houseboats and sailing craft. All are powered by Kohler L160, 4-cycle, one cylinder gasoline engine. Generator is directly connected and mounted in steel frame for strength and durability. Model 1A27 is a 1 KW, 115 or 230 volt AC plant, and is fully automatic. Model 1CD7 is a 1 KW, 36 volt DC, battery-charging unit; and model 2.5R67, shown above, is a 2.5 KW, 115 or 230 volt AC plant.

MFR., Kohler Co., Kohler, Wisc.

ELECTRIC FISHING MOTOR

Motor features rheostat control to give any speed desired from slow to fast trolling. Steering brake, set by thumbscrew, holds motor on course to leave operator's hands free. 27 lb. unit has 360° steering radius. Operates on 6 or 12 volt battery. Motor had weedless lower unit, gearless drive shaft, grease-sealed, noiseless bearings. Price, $89.50 for deluxe model.

MFR., LeJay Mfg. Co., 2209 E. Franklin, Minneapolis, Minn.

MACWHYTE CO.

CONTROL CABLE

Transparent vinyl coating is used over all-steel cable, tested to over 1,000 lbs. Available in various sizes and strengths. Nylon-coated control cable is also available.

MFR., Macwhyte Co., Kenosha, Wis.

MARMAN PRODUCTS CO.

BAND CLAMP

Adjustable band clamps of stainless steel recommended for use in chemical, petroleum, and marine industry. For use on rubber hose or plastic tubing, for emergency or permanent installations. Three sizes for a diameter range from 1¾" to 6".

MFR., Marman Products Co., Inc., 11214 Exposition Blvd., West Los Angeles 64, Calif.

PATCHMASTER

Designed to stop leaks on low and high pressure pipe and tubing. Tested to 500 psi on 2 inch pipe. Stainless steel construction with synthetic rubber pad. 3 sizes for diameters from ¾" to 9⅛". Other types of band clamps also available.

MFR., Marman Products Co., Inc., 11214 Exposition Blvd., West Los Angeles 64, Calif.

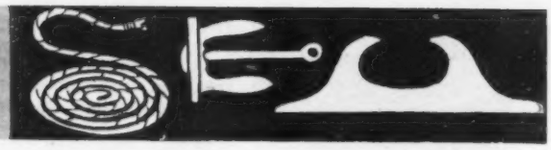
NORSEMAN MARINE

OUTBOARD "Z" DRIVE

"Z" drive combines inboard motor installation with an outboard drive, is designed for use on fast runabouts, family cruisers and utilities. Drive incorporates precision spiral bevel gears of hardened alloy steels. Engine and outboard drive are one unit. Reversing mechanism is built in. Boat is steered by outboard drive unit, not conventional rudder. Engine is 4-cylinder, 4-cycle, water-cooled unit that delivers up to 70 HP.

MFR., Norseman Marine, Oshkosh, Wisc.

HARDWARE and FITTINGS



NEWEST advance in the manufacture of deck hardware, fittings, and miscellaneous accessories, is the application of synthetic materials which are durable and non-corrosive. Rope of nylon or Dacron is also increasingly popular. Brass and chromium plated brass as favorite materials for fittings and accessories are being rivaled by aluminum and stainless steel.

Rope

The boatman will do well to study his particular cordage requirements before assuming that synthetic fibre rope will fill all his needs. The stretching as well as wearing qualities of a piece of rope must be considered; stretch is sometimes a valuable safety factor in easing the jerking effect of a boat pitching at a mooring but is not always desirable. The flotation characteristics of a particular rope are important too, and its flexibility when wet, especially if it is to be used for running rigging.

Fenders

A variety of fenders ranging from coir rope to foam rubber, including cellular rubber innovations on the pneumatic tire principle, and cord filled canvas cylinders, are available at various prices. The only advice the boatman needs in this department is that he should have fenders at any cost to protect his hull from needless pounding against pilings, floats, locks or other boats. Stowage of fenders will be a concern in selecting a supply of these necessary but awkward passengers.

Hardware

With increasing dependency on the distaff member of the ship's crew, or on Junior, or Grandpa, or an important guest—to weigh anchor or hoist the mainsail while the Skipper is relaxing at the helm—and of course with the availability of so many labor saving devices in our mechanized society, more boats than ever are being fitted with winches, windlasses, and modern davits.

They are available in electric, hydraulic and manual models of all types and sizes, for all conceivable purposes of relieving the stress and strain of brute seamanship. Here new products incorporating synthetic materials are very much in evidence.

Some new ground tackle has entered the field, but for the most part anchors, moorings, and chain retain their time tested characteristics.

A remarkable variety of boat seats are available this year, in various models, folding and fixed, and some, with flotation qualities, are intended to supplement the boat's regular, required life-saving equipment.

Stoves

Marine stoves have not appreciably changed, and the boatman who wants an efficient galley fire will probably select a stove which burns either bottled gas, alcohol, or kerosene. The main thing to consider in installing a bottled gas stove is fitting the fuel tank outside, on deck, with a shut-off valve at the tank, and taking precautions against leaky connections in the fuel line inside the cabin.

Some boatmen like the kerosene stove best because of the availability of the fuel, others prefer the cleaner fire of alcohol. One new but increasingly popular type of galley fire is provided by disposable gas containers fitted with a rack to support a cooking vessel.

But any kind of marine stove must be installed with caution, and in this respect the occasional use of gasoline camp stoves in boats must be discouraged. Gasoline has no place in a boat except as a motor fuel. Gasoline fumes, like bottled gas fumes, are heavier than air and tend to collect in the lowest point of the bilge, frequently lying undetected until an open flame or ignition spark sets off an explosion.

Emergency Equipment

One cannot exaggerate the importance of emergency equipment in a boat. Adequate life preservers, fire extinguishers, and signaling equipment are prescribed by the U. S. Coast Guard for all classes of boats, and no responsible boat owner will sail with less than a safe amount of such gear on board.

The type of fire most common to boats is of flammable liquids, although electrical fires also occur. The boatman should insure that the fire fighting system he installs, or the extinguisher he hangs on the bulkhead, employs an agent which is non-conducting.

Since foam type extinguisher agents conduct electricity, they are recommended only for oil fires, where they are considered best.

Carbon tetrachloride is an efficient fire fighter, but its fumes are toxic and undesirable for combating fire in a closed cabin or engine room.

Carbon dioxide is a good all-around extinguisher, and units are available in small portable hand models, larger hand models, and built-in systems which trigger manually, or automatically by means of a thermostat.

However some new types of extinguishers are being introduced, and they are said to be safe and efficient under all circumstances.

For the number and type of extinguishers required on board, the boatman should contact his local Coast Guard office or write to *Popular Boating's "Free Aids"* dept.—enclosing the coupon in this issue—for complete information on the subject.

Emergency Drills

But just having all the proper equipment is not enough. Actual drills, according to carefully laid plans, should be carried out on board by the entire crew. The Skipper should devise drills for every conceivable emergency, and insist that the crew comply seriously—they will be more willing than he may imagine. The resultant lack of confusion in time of trial will be worth the effort.

With familiarity in the application of emergency equipment, a product listed in this directory might someday be worth as much as a human life. — ⚓

DECK HARDWARE

ALLAN MARINE

ELDORADO WHEEL

A precision machined, nylon bushed, steering wheel for outboards and small inboards. Features easy mounting with three threaded studs, 15" ring, safety locknuts. Ready to install. Metal parts chrome plated. Mounting angles of 20°, 35°, and 90°. Colored ivory, red, black, Johnson bronze, Evinrude blue, Mercury green, and Johnson green. Price, $16.95.

MFR., Allan Marine, Inc., Hicksville, L. I., N. Y.

ALUMINUM MARINE HARDWARE CO.

NAUTALLOY—CHROMALLOY—AQUABIRD

Three names for three separate styles of deck hardware defined as follows: "Nautalloy," a cast, machined and polished aluminum alloy; "Chromalloy," a triple plated chrome on "Zamac" base product; and "Aquabird," also of chrome on "Zamac" construction but with a distinctively different and modern styling for those who may like it. The manufacturer carries a complete line of deck hardware for small boats.

MFR., The Aluminum Marine Hardware Co., Inc., Auburn, N. Y.

AMERICAN MFG. CO.

NYLON ROPES

Polykore nylon braid in 1/8" and 1/4" sizes, 1/2" filament nylon and spun dacron of 5/16" and 3/8" sizes are available.

MFR., American Brand Ropes, American Mfg., Co., Inc., 108 Noble St., Brooklyn 22, N. Y.

ARROWHEAD RUBBER & MFG. CO.

DOCK BUMPER STRIP

Half-round diameter, 18" long. Compression-molded solid rubber strip designed for mounting to the sides of metal or wooden decks or posts. Made in fast colors and non-marking, this item is pointed toward the outboard speedboat and cruiser owner. Price $1.00.

MFR., Arrowhead Rubber & Mfg. Co., Shakopee, Minn.

ASTRUP CO.

BOAT TOP FITTINGS

Complete line of fittings required to construct all styles of folding boat tops. Designed for application to pipe or tubing framework. Available with set screws which can be tightened to prevent rattle. Available in aluminum, chrome plated brass, and nickel plated brass.

MFR., Astrup Co., 2937 W. 25th St., Cleveland 13, Ohio.

BERNARD ENGRAVING CO.

PLASTIC LETTERS & NUMBERS

For name of boat on transom and many other uses. May be had in yellow plastic with black face color, red plastic with white face color, or black plastic with gold face color.

MFR., Bernard Engraving Co., N. 12th & Sherman, Toledo, Ohio.

BRITISH MARINE PRODUCTS

TUPHBLOX-TUPHFITTINGS

Sailing hardware and equipment made of lightweight laminated linen, reinforced with naval brass and stainless steel. 75 items include blocks (single and double) for 1/4" to 1/2" Dia. rope, cam type jambing cleats, main sheet camtype jambing cleats, fairleads, snatch blocks and center boat hoists.

DIST., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

JAMBING CLEATS

Items in this line include fair leads, single and multiple blocks for halliards and sheets, and swivel-action jambing cleats which can be mounted either on the keelson or the centerboard trunk of racing boats, and worm-type roller reefing gear for mainsails up to 180 square feet area. All metal parts of these fittings are either stainless steel or heavily chromed brass.

DIST., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

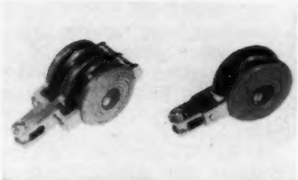
TUPHBLOX-WINCHES

Complete line of snubbing, sheet and halyard winches made of laminated linen, lightweight and strong sizes to suit all types of sailing craft. Spindles, pawls, and handles are made of the finest naval brass, chrome plated.

DIST., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

CRUISER BLOCKS

Complete series of linen-laminated sailboat blocks and fittings for ocean-going sailboats. Metal parts are machined from



drawn brass and are chrome-plated. Eyes will accommodate bodies of large shackles, and rope sizes up to 2" can be used. Two new "Tuph" fittings include sail battens made to order in sizes up to 3" x 48", and a "Lazy Block" with pivoting bullseye which can be set at any angle. Also miniature jambing cleat for smallest sailboats; swivel-action jambing cleats, worm-type roller reefing gear for mainsails up to 190 sq. ft., fair-leads, single and multiple blocks for halliards and sheets.

MFR., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

CADILLAC PLASTIC CO.

CADCO WINDSHIELDS

A total of 152 windshields in all styles and sizes for all boats. Windshields feature ventilators, wrap-around panoramic effect, stainless steel molding and plastic-chrome edge strips. Made from 3/16" or thicker plexi-glass, weather and chemical resistant and immune to solar discoloration. Equal in transparency to fine optical glass.

MFR., Cadillac Plastic Co., 2111 Olive St., St. Louis 3, Mo.

CATING ROPE WORKS

ROPES

Complete line of nylon, dacron, polyethylene, linen and manila ropes for all marine purposes.

MFR., Cating Rope Works, Inc., Maspeth, N. Y.

PREMAX PRODUCTS DIV., CHISHOLM RYDER CO.

PREMAX HARDWARE

Premax: Polished, embossed brass and aluminum boat letters 3", 4", and 6". Aluminum and stainless steel telescoping vertical marine antennas from 12' to 36'. Base insulator mountings chrome-plated brass and galv. iron, rigid and hinge post type. Marine loading coils, waterproofed.

MFR., Premax Products Div., Chisholm Ryder Co., College and Highland Ave., Niagara Falls, N. Y.

ELLIOT CLARKE

SHOCK CORD SAIL STOP KITS

To use, fasten white shock cord lace line, with guides equally spaced, to one side of boom. Diagonally opposite fasten brass clips. Take up slack in lace line and tie a knot. To furl sail, start at center of boom, pull lace line over sail and hook it under brass clip. Prices, No. 105 Mainsail kit (20' cord), $9.95; No. 106 Jib and Jigger Kit (10' cord), $5.95.

MFR., Elliot Clarke, Hamburg Cove, Lyme, Conn.

NO. 102 SEA-SNUB

Shock absorber for anchor line, with cables of half-inch marine shock cord. To use, when anchoring, cast hitches around stainless steel ends and give enough scope to clear the bow. Price, $19.95.

MFR., Elliot Clarke, Hamburg Cove, Lyme, Conn.

COLCO MARINE PRODUCTS

HINGED OUTBOARD MOTOR BRACKET

Weight 26 lbs. Overall width 19". Boat transom to mount gate 19". Depth at mount gate 9". Depth at boat transom 13 1/2". Single and twin.

MFR., Colco Marine Products, 940 York Rd., Oswego, Ore.

CREST MARINE

JETLINE DECK HARDWARE

Line of basic deck hardware, triple chrome-plated. 1958 line includes ski tow hook, modern bow light with attachable flag pole mast, and inland water lights.

MFR., Crest Marine Hardware Co., Inc., 444 Clementina St., San Francisco, Calif.

DEL-TEX MARINE

FLANGED WINDSHIELD

A new panoramic windshield featuring a molded flange for fast and easy installation. Available from stock in clear and green tint colors, other colors on order. For boats with windshield width of 53" to 73".

Installed height 15" to 16". Furnished with chrome trim, necessary holes drilled, white deck channel and mounting screws.

MFG., Del-Tex Marine Products, 1400 Henderson St., Ft. Worth, Texas.

ELECTRO MARINE PRODUCTS CO.

FENDERS

Canvas-covered sleeve is filled with Polyurethane, an 85%-buoyant compound impervious to salt air, water and temperature extremes. A tube runs through center of fender to carry tie down line. Polyurethane is molded to the canvas to give longer life, as wear and stress is transferred to the plastic foam rather than the canvas.

MFR., Electro Marine Products (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

EUREKA TENT & AWNING CO.

BOAT FENDERS

A selection of grades and sizes for all boats. Price, from $1.25 to $4.95.

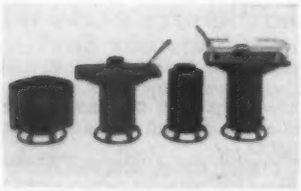
MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

PANORAMIC WRAP-AROUND WINDSHIELD

Curved Universal Plexiglass windshield in 6 different widths and 3 heights; equipped with polished aluminum brackets, white deck moulding and chrome trim. Shaped and pre-drilled. Prices, from $27.85. Available as extras are deluxe side center brackets of chrome or aluminum.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

FATSCO MFG. CO.



CABIN STOVES

A complete line of small, efficient cast-iron stoves for the boat cabin where space is at a premium. These well known models burn hard coal, charcoal briquettes or kindling wood. Many models are available for various service and size requirements. Accessories available: stainless steel stove piping, elbows and heat dispersing shields, pot rails, dampers, and anti-downdraft ventilators.

MFR., Fatsco Manufacturing Co., 251 N. Fair Avenue, Benton Harbor, Mich.

TRANSOM SKI HOOK

Transom type ski hook is mounted horizontally on transom. Made of stainless steel or brass. Also useful as tie down eye and as storage hook.

MFR., W. G. Feik Marine Products, 1908 Afton, Houston, Tex.

TRANSOM DRAIN

Three way lock transom drain. Locks when pressed right or left. Can be sealed in center position. Adjustable; furnished in 90 degree and 15 degree angles.

MFR., W. G. Feik Marine Products, 1809 Afton, Houston, Tex.

GARDINER MFG. CO.

HARDWARE FITTINGS

Steel, bronze and stainless shackles; ¼" up. Turnbuckles; ¼"x4" and up.

MFR., Gardiner Mfg. Co., 2711 Union St., Oakland 7, Calif.

FENDERS

One piece, unicellular plastic fenders in neutral color, cannot stain or mar paint. Waterproof. 3" to 5" diam., 15" to 24" length. Prices from $4.00 to $9.00.

MFR., B. F. Goodrich Sponge Products, Division of the B. F. Goodrich Co., Plant No. 4, Shelton, Conn.

E. E. GRIFFITHS CO.

RACE-LITE "C" BLOCK

For mainsheets and similar application, with a white Nylon sheave 1⅞" in diameter rolling on a stainless steel bearing.

MFR., The E. F. Griffiths Company, 346 E. Walnut Lane, Philadelphia 44, Pa.

GRIFFITH MARINE

PNEUMATIC CYLINDER

Lightweight rubber that will not discolor or mark the hull, positive flotation. In sizes from 2"x12"x9"x30". Prices from $1.75 to $25.

MFR., Griffith Marine Line, Griffith Rubber Mills, Portland 10, Oregon.

STEP PLATES

Rubber step plates in nautical rope design with non-slip surface and countersunk screw holes. In white, black, red, green, and blue non-fade colors. Sizes and prices: 2"x8", $.95; 3½"x8", $2.50; 5½"x11½", $3.50.

MFR., Griffith Marine Line, Griffith Rubber Mills, Portland 10, Ore.

HAEDAL CORP.

CRUISER MAST

Available 3', 4', 5', 6' lengths. Weight, approx. 7 lbs. Made from Philippine Mahogany with sturdy base for mounting. Slotted for installation of Masthead light. Installed on cabin top or deck. Price, 3', $29.50; 4', $31; 5', $33.50; 6', $36.

MFR., Haedal Corp., P. O. Box 57, Port Washington, L. I., N. Y.

BOARDING LADDER

For cruisers, available in 3 step closed, 29½" long; 6 step open, 49½" long. Width overall, 18" with weight of approx. 12 lbs. For runabout, available in 2 step closed, 23½" long; 4 step open, 37½" long. Width overall, 17" with weight approx. 10 lbs. Made from Philippine Mahogany, stained and varnished. Hardware available in polished brass or chrome plated finish. Price, cruiser size polished brass hardware, $46; chrome plated hardware, $51. Price, runabout size polished brass hardware, $43; chrome plated hardware, $48.

MFR., Haedal Corp., P. O. Box 57, Port Washington, L. I., N. Y.

STEERING WHEELS

Available in 20" to 32". Sizes up to 72" diameter on application. Weight of approx. 6 lbs. Made of Philippine Mahogany. Extra heavy polished cast brass or chrome plated hub. Hub bored standard 1" with keyway. Price, 20", $40.27; 24", $47.50. The classic addition to a fine boat, and a pleasing motif for the boatman's den or game room at home. Wheels are also available inlaid at a slight additional cost.

MFR., Haedal Corp., P. O. Box 57, Port Washington, L. I., N. Y.

LAFAYETTE SUPPLY CO.

BOW SOCKETS

Stamped aluminum sockets are attached to top inside edge of gunwale opposite each other with screws that are furnished. 2 to 4 pair of these boat cover sockets are needed, depending on the size of boat. Can also be used on a trailer or small truck. Available in natural aluminum or anodized aluminum in the colors of blue, green, and red. Price, $1.00 pair.

MFR., The Lafayette Supply Co., West Lafayette, Ohio.

LAFAYETTE R-W OARLOCKS

Pin unit slips over oar to desired position and is securely tightened with wing nut. Price, $3.70 per pair.

MFR., The Lafayette Supply Co., West Lafayette, Ohio.

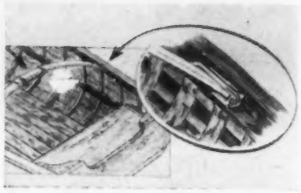
LASHING OR FENDER HOOKS

Available in either stamped steel or cast aluminum. The stamped hook is 20 gauge steel nickel plated and fastens with 2 screws. The cast aluminum model fastens with 1 screw. Both are useful for holding boat fenders, lashing boat covers, etc. Price, $.15.

MFR., The Lafayette Supply Co., West Lafayette, Ohio.

ADJUSTABLE COVER BOWS

Two sizes, one adjustable to 68", the other to 92". Bows support cover to assure a dry boat.



Adjustable feature allows user to cope with shrinking or stretching of the canvas cover. Unit consists of two pieces of select lumber and two small especially-designed steel clips with cadmium-plated tension spring. Metal clips lie flat against wood bows and will not wear the boat covers. Prices, $1.35 and $1.85.

MFR., The Lafayette Supply Co., West Lafayette, O.

LAUDERBACK INDUSTRIES

BOARDING LADDER

Aluminum pole for skiers' convenience in climbing back into boat.

MFR., Lauderback Industries, 7533 N.E. Killingsworth, Portland, Oregon.

MAGIC TOOLS INC.

MAGIC GLOVE COMPARTMENT

This compartment is installed in dash of boat. The face is highly polished. It comes equipped with two keys. Can also be put under seats. Compartment is plastic with chrome plated brass face. Hole to be cut in dash is approximately 11⅝"x3¼". Price, $22.50.

MFR., Magic Tools Inc., 991 Williams St., San Leandro, Calif.

MAGIC STANDARD SWIVEL HOOK LADDERS

Available in 2, 3, and 4 step models with 6, 8, and 10 inch hooks. Hooks and center braces fold flat for storage. Constructed of 1 inch aluminum tubing with hardwood steps. All parts are dipped in a plastic solution to protect it against corrosion, all hooks are rubber covered. Price, from $20.30 to $26.90.

MFR., Magic Tools, Inc., 991 Williams St., San Leandro, Calif.

MAGIC "CHANGEABLE HOOK" SWIVEL LADDERS

Available in 2, 3, and 4 step models. The hooks are 6, 8, and 10", and are completely detachable from ladder. Any one of the hooks may be used with any of the 3 ladders. Constructed of 1" aluminum tubing with hardwood steps. Hooks and center braces fold flat for storage. All parts are dipped in a plastic solution to prevent corrosion, hooks are rubber covered. Hooks or ladders may be purchased separately. Price, from $23.90 to $30.70.

MFR., Magic Tools, Inc., 991 Williams St., San Leandro, Calif.

MARINE EQUIPMENT CO.

STAINLESS FITTINGS

Stainless steel fender moulding for guard rail and sheer rail protection of boats.

MFR., Marine Equipment & Supply Co., Philadelphia 6, Penna.

BINDING AND TRIM

Hatch binding stainless steel for trim around hatches and opening windshields.

MFR., Marine Equipment & Supply Co., 116 Walnut St., Philadelphia 6, Penna.

MERRIMAN BROS. INC.

UNIVERSAL PULPITS

For power and sail, custom built to three designs in brass, chromium plated brass, and satin finish stainless steel. Available in kit form with fittings for mounting to any deck camber. Complete line of deck hardware.

MFR., Merriman Bros., Inc., 185 Amory St., Boston, Mass.

GEORGE MILLER

TILLER CABLE PULLEY

A nylon sheaved steering cable pulley for outboard motorboats which rolls on stainless steel ball bearings for reduction of cable friction. Features six colors for matching to boat or motor. Available in red, blue, chartreuse, gold, black and tan. Price, $1.75.

MFR., George Miller and Company, P.O. Box 66, Youngstown 1, Ohio.

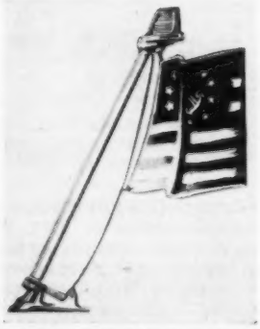
NAYCO MARINE

DECK ACCESSORIES

Flagstaffs, boat hook poles and boat hooks, masts, folding helmsman seats, overhead fishing rod racks, cockpit and boarding ladders, ski towlines, ski boards and ski discs.

MFR., Nayco Marine Accessories, Inc., 1517 N. 21st St., Philadelphia 21, Pa.

PERKINS MARINE



MARINE HARDWARE

Complete line of marine hardware and fittings, plus streamlined marine lamps designed to meet the new requirements of U. S. Coast Guard regulations for motor boats and other types of vessels.

MFR., Perkins Marine Lamp & Hardware Corp., Brooklyn, N. Y.

PLYMOUTH CORDAGE

PLASTIC ROPE

A new polyethylene plastic rope that will float and is completely resistant to rot and mildew. Available in several colors. The synthetic fiber is also extremely resistant to acids, heat and cold, abrasion and maintains exceptional strength per unit of weight.

MFR., Plymouth Cordage Co., Court St., Plymouth, Mass.

PYRAMID MOULDINGS

METAL MOULDINGS

Mouldings and trim in stainless steel in both standard and custom shapes.

MFR., Pyramid Mouldings, Inc., 5325 W. Armstrong Ave., Chicago 30, Ill.

REX CORP.

REX RUB RAIL

Vinyl plastic bumper-rail, snap-in plastic spline for windshields and windows, custom shapes for trim.

MFR., The Rex Corporation, Hayward Rd., W. Acton, Mass.

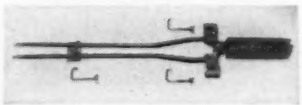
RITTER MARINE

MARINE FITTINGS

New item is bottle holder adapter for the line of gimbal rings. Model No. 414T consists of clamp for table or arm rest mounting and gimbal ring, and No. 414BH, support for the bottle. All units of solid brass construction, chrome plated, and with universal swing to keep bottle upright under any conditions. Price: complete unit, $4.50; same unit for bulkhead mounting, $3.95.

MFR., Ritter Marine Mfg. Co., 120 Walker St., New York 13, N. Y.

SAVAGE BRACKET CO.



SAVAGE UNIVERSAL CANOE BRACKET

For all motors not over 2½ HP. For all canoes. High test aluminum. Price, $15.

MFR., The Savage Universal Bracket Co., Norwell, Mass.

OUTBOARD BRACKET

Heavy cast bronze or lightweight aluminum outboard brackets for any type hull. Unit fits all make motors. Only sockets remain permanently attached. Stationary angle brackets of bronze for sloping transoms, $18 and $22. Adjustable brackets for sloping or straight transoms, $28 and $50. Aluminum canoe brackets for motors to 2½ HP, $15.

MFR., Savage Universal Bracket Co., Norwell, Mass.

SASGEN DERRICK CO.

BLOCKS

Wire rope snatch blocks, drop link or safety locking. Sizes 6-16, for ⅜" to 1" wire rope, either plain bore or bronze bushed.

Diamond wire rope blocks, single, double, or triple. Sizes 6-14, for ⅜" to ¾" wire rope, either plain bore or bronze bushed.

Drop link snatch blocks for manila rope; wood or steel shell. Sizes 6-12 for rope diameter ¾" to 1½"; plain bore, roller bushed, or bronze bushed.

Iron strapped wood blocks for manila rope, single, double, or triple. Sizes 3-12, for rope diameter ⅜" to 1¼"; plain bore, roller bushed, or bronze bushed.

Oval steel blocks for manila rope, single, double, or triple. Sizes 3-12 for rope diameters ⅜" to 1¼"; plain bore, roller bushed, or bronze bushed.

MFR., Sasgen Derrick Co., 3107 Gand Ave., Chicago, Ill.

SEABRIGHT MARINE

WOOD SHELL YACHT BLOCKS

Constructed with bronze sheaves and roller bearings, blocks have special high-tensile bronze straps and fittings. Encased in seasoned ash shells, varnished in natural wood finish. Available with single, double or triple sheaves, with or without becket. Block size shell lengths, from 3" to 10". Proper fittings are available for each particular use of the block.

MFR., Seabright Marine Hardware, Division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

LETTERS AND NUMBERS

Burnished bronze boat letters and numbers are available in two styles, slim Gothic pattern, and regular pattern. Price, $0.60 each.

MFR., Seabright Marine Hardware, Division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

BOW HANDLES

Designed for outboards, inboards and small sail boats, these handles are of high-quality bronze, machined and polished. Available from 7" to 10½", in burnished bronze, polished bronze, and chrome plated. Prices, from $3.50 to $5.

MFR., Seabright Marine Hardware, Division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

SPINNAKER POLE FITTINGS

Eye slides and eye plates are made of bronze. Prices, Spinnaker pole eye slide, 3/16"x¼" track, $7.50. Spinnaker pole eye plate, curved plate, $2.60; flat plate, $2.75. Spinnaker pole fitting, of bronze with spring-loaded release pins, size no. 3 has integral cast eye for attachment of fore-guy or down-haul. Size 1, 1¼" pole, $10.45; Size 3, 2" pole, $13.75.

MFR., Seabright Marine Hardware, Division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

LIFTING HANDLES

Handles available in burnished bronze, polished bronze and chrome-plated finishes. Prices, from $1.50 to $2.75.

MFR., Seabright Marine Hardware, Division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

BOAT TOP HARDWARE

Complete kit of hardware including bows for making boat tops. When cover is made, kit is ready for assembly complete with instructions. Available in ⅜" and ½" aluminum pipe with fittings. Model A has two bows for boats with windshields. Model B has 3 bows for boats without windshieds ⅜" will extend up to 72" and ½" will extend up to 96". Prices: Model A, ⅜", $27.50; Model A, ½", $39.50; Model B, ⅜", $39.50, and Model B, ½", $55.

MFR., Seabright Marine Hardware, 1630 Superior, Costa Mesa, Calif.

REGISTRATION FRAMES

Can be mounted directly to bulkhead. Fitted with clear plastic lens to protect certificate. Frames are cast of bronze and finished polished or chrome-plated. Screws supplied with frame. Price, polished bronze, $5.95; chrome-plated, $7.95.

MFR., Seabright Marine Hardware, Division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

SEA DART, INC.

BOAT ORNAMENTS

An 8 pointed star medallion and a sleek flying dart head the "Sea Dart" line of ornaments manufactured of triple chromed metal. Pins integrally cast in the base of the stars keep them from moving when mounted with a single screw.

MFR., Sea Dart, Inc., 4734 N. Albina, Portland, Oreg.

SEA MATE PRODUCTS

BOAT HOOKS

Of extra heavy .058 wall fluted

aluminum tubing, with plastic coated aluminum head and heavy molded grips. Hooks float. Available in 2 lengths. Prices: 4', $3.95, and 6', $4.95.

MFR., Sea Mate Products Co., Box 210, Clarks Summit, Pa.

PERMANENT ROD HOLDERS

Designed to fit all fishing rods up to largest deep water rigs, unit has 1⅞" inside diameter, is 9" long. Mounts solidly to gunwale, transom, seat back or cabin side. All models lined with sun and oil resistant white synthetic. Packaged in pairs. Available in 3 models. Prices: polished aluminum, No. 10A, $6 per pair; anodized aluminum, No. 10AA, $7 per pair, and triple plated chrome on solid brass, No. 11A, $9 per pair.

MFR., Seat Mate Products Co., Box 210, Clarks Summit, Pa.

HEAVY DUTY BOARDING LADDER

Fluted tube and extra strength and size are featured, plus 11" diameter gunwale hooks for use over wider gunwales of newer boats. Solid hardwood dowel reinforcement within uprights. Two models available: 3-step model, $17.95, and 4-step model, $19.95.

MFR., Sea Mate Products Co., Box 210, Clarks Summit, Pa.

STANDARD BOARDING LADDER

Fluted aluminum tube, mahogany stained steps and protective tips, 7" diameter gunwale hooks sheathed in sun and oil resistant white synthetic, swivel for flat storage. Features include adjustable mount, grooved steps. Available in three models: 2-step model, $12.95; 3-step model (41" long and 16½" wide), $14.95, and 4-step model, $16.95.

MFR., Sea Mate Products Co., Box 210, Clarks Summit, Pa.

SOUTH COAST CO.

SNAP SHACKLES

Manganese bronze with Monel pins. Available chrome plated.

MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

NEOPRENE SHELL YACHT BLOCK

Available in polished bronze or chrome plated. Deck plate swivel type in 3", 4", and 5". Roller bushed. Shell requires no maintenance, reduces noise and marring.

MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

CAM ACTION CLEAT

Bulldog jam. For line size ¼ to 5/16". Weight, 1 lb.

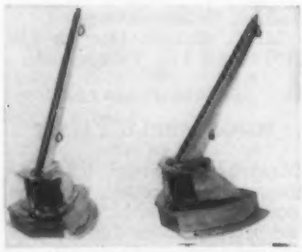
MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

SNATCH BLOCK

Available in polished bronze or chrome plated. Monel pin in snap shackle. Neoprene shell is resilient and reduces noise and scarring of decks. In stock in 3", 4", and 4½" sizes.

MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

SPARTON CORP.



HORN-LIGHT-MAST

Combination horn, red and green navigation lights, and flag staff; height 17½", length 9⅞", width 7¼"; 6-volt $39.85, 12-volt $39.95.

MFR., Sparton Corp., Jackson, Mich.

STYLE-CRAFTERS

FENDERS

Topside fenders are made of "plastisol," and available with 3" diameter, 12" length, $3; 4" diameter, 16" length, $5, and 5" diameter, 24" length, $10.

MFR., Style-Crafters, Inc., Box 3277, Station A, Greenville, S. C.

SUDBURY LABORATORY

FENDER BOARD

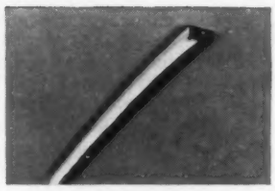
Of special soft resilient plastic. Unit includes ½" mahogany board varnished, which is inserted into plastic boat fender material. Fender board complete with board and fender for easy handling. 42"x3½".

MFR., Sudbury Laboratory, So. Sudbury, Mass.

SIDE FENDERS

Made of special soft resilient plastic. Model A: 15"x2" diam., for boats up to 25'; Model B: 17½"x3½" diam., for larger boats. These are mildew-proof, light in weight, and float. Protects boat rails. Prices, Model A, $1.98; Model B, $4.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.



GUN'L-GARD

Specially formed pliable material gives all-round protection to side and top of gunwale. It will not mildew, and may be cemented onto bare wood, or fastened with escutcheon pins or copper tacks. Price, 100 ft. roll, .59 per foot.

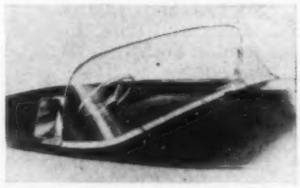
MFR., Sudbury Laboratory, So. Sudbury, Mass.

SKY-VENT

Made out of 100% transparent plastic. 18" size has outside dia. of 19", inside dia. of 15" and a height of 7", price $89.95. 12": 15" OD, 12" ID, height 6", price $59.95. 9": 11" OD, 9" ID, height 4½", $34.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

N. A. TAYLOR CO.



SPEEDAIRE SPORTSHIELD

Available in 15" or 17" height, with SpeedAire ventilating wing brackets. External deck angles fasten to front of windshield. Features include "PlastiChrome" molding and white vinyl rubber channel. Price, from $51.50.

MFR., N. A. Taylor Co., Inc., 14 W. 9th Ave., Gloversville, N Y.

SPEEDSHIELD

Heat-formed aircraft plexiglass windshield 17" in height, full round corners. Framed in aluminum and white vinyl channel. Hardware includes "Airflyte" chrome external deck angles and aluminum wing brackets. Also in 12" or 15" height, with or without wing brackets. Prices start at $54.50.

MFR., N. A. Taylor Co., Inc., 14 West 9th Ave., Gloversville, N. Y.

TRANSFER MONOGRAM CO.

DECALS TRANSFER MONOGRAMS

Complete line of decal letters and numbers of metallic silver. Letter and number in 3" to 4" sizes. Dip the decal into water and then slide it off on the desired spot. Colors, black and gold decals, black and silver, red and gold, red and silver and all black.

MFR., Transfer Monogram Co., Inc., 184 W. Washington St., Chicago 2, Ill.

TRICO PRODUCTS

WINDSHIELD WIPERS

Automatic and hand operated windshield wipers for vacuum or air pressure operations.

MFR., Trico Products Corp., 817 Washington St., Buffalo, N. Y.

WINDSHIELD WASHERS

Self-powered windshield washer, sprays fresh water removing salt water and dust. Can be used in conjunction with any windshield wiper.

MFR., Trico Products Corp., 817 Washington St., Buffalo, N. Y.

UNITY MFG. CO.

REAR VIEW MIRRORS

"Unity Cavalier" mirror with dual-adjustment and roller bearing action; and "Unity Chieftain" mirror with a ball and socket joint that rides on a nylon shoulder. Provides the helmsman with a quick check on his wake. Price for both models in clear glass and nonglare, $4.60.

MFR., Unity Manufacturing Company, 2909 South Indiana Ave., Chicago 16, Illinois.

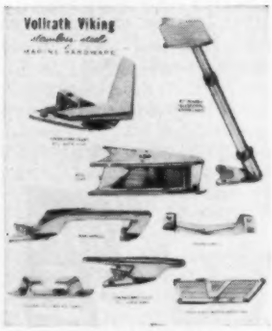
VOGEL'S MARINE SUPPLY

SIDE FENDER

Neoprene, diameter 2"x4", length 8', price $2.25 ft. An extruded rubber bumper shaped so that it will fit around three sides of a piece of 2x4.

MFR., Vogel's Marine Supply Co., 601 S. Andrews Ave., Ft. Lauderdale, Fla.

VOLLRATH CO.



VIKING FITTINGS

A complete line of deck fittings in a new streamlined pattern made of non-magnetic, non-corrosive stainless steel. Features combination staffs with bow and stern lights, as well as lifting handles, cleats and step plates. Also available are stainless steel galley dishes,

outboard motor stands and stainless steel outboard control fittings.

MFG., Vollrath Company, Sheboygan, Wisc.

WALL ROPE WORKS

NYLON MULTI-COILS

Filament nylon rope in ¼" and ½" diameters in "multi-coils" consisting of a number of connected coils in attractive display boxes. A complete line of natural and synthetic fiber ropes are available. Comes with wall rack.

MFR., Wall Rope Works, Inc., 48 South St., New York 5, N. Y.

WHALING CITY

MARINE EQUIPMENT AND ACCESSORIES

Products include blocks and pulleys, boat hooks, outboard brackets, auto top boat carriers, chocks and cleats, boarding and swimming ladders, metal letters and numbers, lifting eyes, oar locks, oars and paddles, outboard motor transom plates and pads, boat hook poles and flag poles, sail rigging and fittings, outboard steering wheels, transom pads and windshield brackets.

MFR., Whaling City Marine Co., P.O. Box 940, 56 Prospect St., New Bedford, Mass.

WILCOX-CRITTENDEN

SEA FLAIR DIE CAST FITTINGS

Newly-styled fittings include bow handles, cleats, chocks, stern lifting handles and ski towing hooks, made of "Zamak" metal, with three-coat marine finish of copper, nickel and chrome. Especially suited for use in fresh water areas, and may be used with care in salt water areas.

MFR., Wilcox-Crittenden Division, North & Judd Manufacturing Co., Middletown, Conn.

DECK FITTINGS

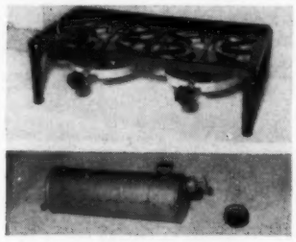
Cast bronze fittings are chrome-plated for use on either fresh or salt water.

MFR., Wilcox-Crittenden Division, North & Judd Manufacturing Co., Middletown, Conn.

CUSTOM LIFEGUARD STEERERS

Steerers are available with colored or two-tone wheels, and have 20-, 30- or 90° brackets with large mounting base for greater rigidity. Safety rope drum gives correct steering sensitivity.

MFR., Wilcox-Crittenden Division, North & Judd Manufacturing Co., Middletown, Conn.



SEA COOK KIT ALCOHOL STOVES

Stoves are furnished with instructions for assembly, and are finished in black enamel. Tank and gauge are also available for use where pressure is desired instead of gravity feed.

MFR., Wilcox-Crittenden Division, North & Judd Manufacturing Co., Middletown, Conn.

WINDSOR MACHINE PROD.

MOTRLOK "55"

It fits Mercury Mark Models 75, 55, 40, 25 and 20, and it is priced at $8.95. Slides over the motor's handles, locks them. Holds motor in place while boat is being trailered. Made of welded tubing and are cadmium plated. There is one lock duplication in every 250 Motrloks made.

MFR., Windsor Machine Products, Windsor, Vt.

WYNN MFG. CO.

WYNN OARLOCK

Clamp on type oarlock that saves life of an oar, and can be adjusted to fit any width boat and any size oar. Moor-Fast mooring device also available.

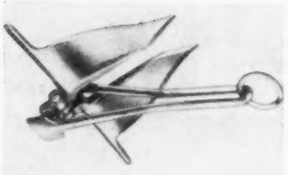
MFR., Wynn Mfg. Co., 568 Burgess St., St. Paul 3, Minn.

ANCHORS & MOORINGS

BENSON'S ANCHORS

BENSON'S SNAG-PROOF ANCHORS

Made in sizes 4, 6, 9, 12, 16, 26 and 36 lbs. for boats from 12' to 40'. Light-weight anchors of galvanized iron feature divided shank with sliding ring for easy recovery when snagged. Twin flukes of relatively large surface area have sharp curved edges and points.



MFR., Benson's Anchors, Inc., 316 So. Orchard Rd., Syracuse 4, N. Y.

BENSON'S ANCHOR BOW CHOCK

Made in sizes for 4, 6, 9, 12 and 16 lb. Benson Anchors. This bow-mounting chock is made of high-finish aluminum alloy with stainless steel roller designed to cradle the anchor ready for instant release.

MFR., Benson's Anchors, Inc., 316 So. Orchard Rd., Syracuse 4, N. Y.

BENSON'S ANCHOR DECK CHOCK

Especially designed for use with sliding ring of Benson Anchor, this one-piece, lock-in chock holds anchor securely off deck, yet ready for quick use. No hold down clamps or lashings are needed.

MFR., Benson's Anchors, Inc., 316 So. Orchard Rd., Syracuse 4, N. Y.

BOYER MFG. CO.

WINONA ANCHOR PULLEY

Used on row boats for still fishing. Raises and lowers anchor and locks rope.

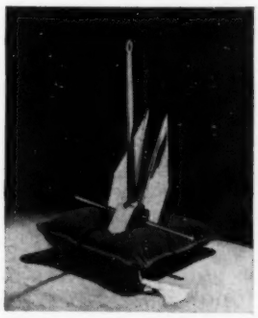
MFR., Boyer Mfg. Co., Inc., P. O. Box 278, Winona Lake, Ind.

DANFORTH ANCHORS

DANFORTH ANCHORS

From 2½ to 21,000 lbs. Made in standard, Hi-Tensile and commercial ship models. Standard boat line from 2½ to 180 lbs. Hi-Tensile models from 5 to 3000 lbs. Two new small boat anchors in 4 and 8 lbs. feature a shearpin for quick release when fouled on snag-filled bottom. Danforth anchors are known for strong holding power with light weight and are manufactured from high strength alloy steels.

MFG., Danforth Anchors, 2121 Allston Way, Berkeley 4, Calif.



CHROMED DANFORTHS

Advertised as the ideal gift for "The - Yachtman - Who - Has - Everything," the complete Danforth anchor line is available with a chrome-plated finish from dealers.

MFR., Danforth Anchors, Allston Way, Berkeley, Calif.

EAST END SUPPLY CO.

MOORING BUOYS

Made of plastic in three sizes, 6x6x9, 8x8x12, 12x12x12.

MFR., East End Supply Co., Inc., 203 Front St., Greenport, N. Y.

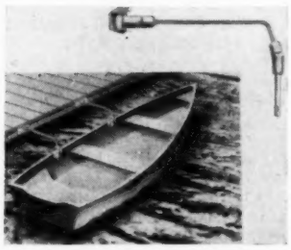
FATSCO MFG. CO.

ANCHOR-PULLEY BRACKET

An anchor pulley bracket that permits the boat operator to drop and retrieve the anchor without moving from the after thwart. Permits anchor to be always ready at the bow for changing fishing locations. Constructed of rust-proof metal with bronze bearing. Available in 3 sizes. Price, $1.50 to $3.30. Also available are mushroom anchors from 10 to 50 lbs., and Navy type anchors from 5 to 200 lbs.

MFG., Fatsco Manufacturing Co., 251 N. Fair Avenue, Benton Harbor, Mich.

FRABILL MFG. CO.

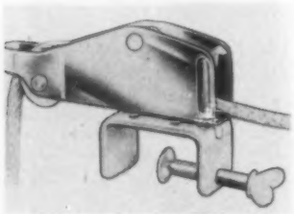


SAF-TEE MOORING ARMS

Boat is securely moored by dropping pins into oar locks or

sockets. Removing pins frees boat instantly, and arms fold up or down when not in use. Arms are cadmium plated for rust resistance.

MFR., Frabill Manufacturing Co., 234 W. Florida St., Milwaukee 4, Wisc.



ANCHOR CONTROL M-402

For portable use or temporary installation, controls aid in raising and lowering anchor, as well as keeping rope and anchor firmly fixed in one position. Patented locking device holds rope in vise-like grip without cutting. Can be positioned straight ahead or 45° to left or right. Heavy duty universal bracket fits all boats.

MFR., Frabill Manufacturing Co., 234 W. Florida St., Milwaukee 4, Wisc.

GRIFFITH MARINE

GRIFFITH SNUBBERS

22"x½", live rubber mooring snubber tested for half ton continuous strain. Price $2.95; 7'x2", live rubber anchor snubber tested to withstand 4,000 lbs. strain. Price $45.00.

MFR., Griffith Marine Line, Griffith Rubber Mills, Portland 10, Ore.

GRIFFIN ANCHOR DIV.
SAMUEL JACKSON'S SONS

GRIFFIN ANCHOR

An all-purpose, three-unit, stockless, lightweight anchor of steel construction, the "Griffin Anchor Model 8-G" is said to employ entirely new working principles for positive holding action under all normal conditions.

MFR., Griffin Anchor Division, Samuel Jackson's Sons Inc., 838 Suburban Station Bldg., Philadelphia 3, Pa.

M & G SHEET METAL CO.

MOORING BUOY

Galvanized round mooring buoy has rod three feet long. Buoy is made of 16-gauge corrosion resistant steel, galvanized inside and out. A 2" diameter heavy duty rubber bumper around the middle is optional. Made in 18" and 21" diameter sizes. Has brass valve for drainage. Load capacity of 60

lbs. holds 75 feet of ¼" chain.

MFR., M & G Sheet Metal Co., 313 Van Sinderen Ave., Brooklyn, N. Y.

MAGIC TOOLS, INC.

MAGIC ANCHOR LIFT

It is made of heavy duty aluminum alloy, and may be used with almost any type anchor. It will lift anchors up to 50 lbs. on a straight pull, either through the deck or with a pulley in center of deck, then around winshield, and up to 20 lbs. on a side pull around the windshield or cabin. It will handle either rope or chain up to one inch. Price, $37.50.

MFR., Magic Tools Inc., 991 Williams St., San Leandro, Calif.

ROLOFF MFG. CO.

NAVY ANCHOR

Two-pronged anchor of cast iron, semi-steel, painted aluminum. Available in 4 weights. Price, $2.53, 5 lbs.; $3.57, 10 lbs.; $4.40, 15 lbs., and $5.50, 20 lbs.

MFR., Roloff Manufacturing Co., Kaukauna, Wis.

RUBBER COVERED ANCHOR

12 lb. mushroom type anchor is of cast iron, semi-steel, covered with "Neo-Preom" rubber. Will not dent, scratch or damage boat. Designed for metal boats, it is also suitable for mahogany boats. Resistant to salt water, oil, gas, acid, and rust proof. Price, $8.26.

MFR., Roloff Manufacturing Co., Kaukauna, Wis.

RIVER SPECIAL ANCHOR

Cast iron, semi-steel anchor is painted aluminum, and available in two sizes. Prices, $3.85, 12 lbs., and $5.50, 20 lbs.

MFR., Roloff Manufacturing Co., Kaukauna, Wis.

ANCHOR HOLDER

Fits Roloff mushroom and rubber covered anchors perfectly. Holder is of cast iron, semi-steel, and weighs 5½ lbs. It holds anchor safely outside boat, and has bow handle. Anchor can be raised or lowered from any seat in the boat. Holder accommodates most types of fishermen's anchors. Price, $6.55.

MFR., Roloff Manufacturing Co., Kaukauna, Wis.

S. G. TAYLOR CHAIN CO., INC.

ANCHOR CHAIN

Many sizes, diameters of material, dimensions of links finishes and types are made by this company.

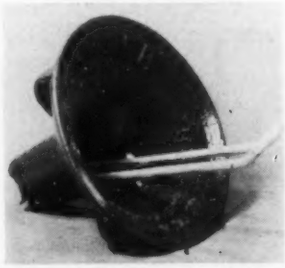
MFR., S. G. Taylor Chain Co., Inc., P. O. Box 509, Hammond, Ind.

SEA-CURE MOORING ANCHOR

Anchor has four flukes that dig deeper with any increased pull from the surface, low universal joint, swivel action and centered balanced linkage for chain attachment to eliminate chain fouling. Available in a range of sizes and weights.

MFR., Tower Iron Works, Inc., Providence 3, R. I.

WELTER & SON



BIG GRIPPER ANCHORS

These are manufactured of grey metal in 8 and 14 lb. weights, with corresponding lengths of 6 and 8 inches. Recommended for aluminum boats. They hold on pressure rather than weight; have no sharp prongs, and will not snag on sunken objects. Price, $5.95 for 8# and $9.95 for 14#.

MFR., Welter & Son Mfg. Co., 730 Center St., Lake Geneva, Wis.

WHITMAN & ROBINSON

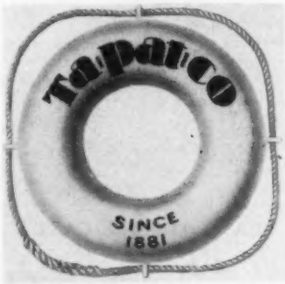
NOMAR PLASTIC-COATED ANCHOR

5, 10 or 15 lbs. Newly developed by special infra-red curing process permanently sealing plastic. Tough, long wearing, with cushion effect of plastic to prevent scratching of hull and deck; is impervious to salt and oxygen deterioration. Plastic will not chip or wear off; non-rust between plastic and iron foundation. Color: bright orange. Modified "Navy-Type" design provides amazing holding power with minimum of storage, space and quieter stowage.

MFR., Whitman & Robinson, Weedsport, N. Y.

LIFE PRESERVERS

AMERICAN PAD & TEXTILE CO.



PLASTIC RING BUOYS AND BOAT FENDERS

Available in various sizes to fit most boats. Oil, grease, gasoline or salt water will not harm them and they will not mildew or rot.

MFR., American Pad & Textile Co., So. Washington St., Greenfield, Ohio.

No. 119 AND 120 STAY-A-FLOATS

Vests have leg straps and are

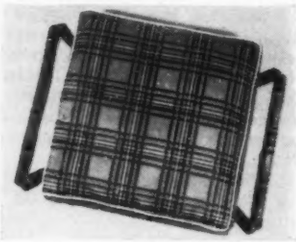
filled with Kapok sealed in vinyl envelopes, with outer covering of orange cotton fabric. Style 119 has web straps under arms, and style 120 has extra envelope of Kapok under each arm. Available in adults and children's sizes. U. S. C. G. approved.

MFR., American Pad & Textile Co., So. Washington St., Greenfield, Ohio.

No. 214 LIFE VESTS

Motor boat vest is filled with Kapok sealed in vinyl, has adjustable side straps and front closures of tie tapes and dee ring with snap fasteners. Web leg straps are optional. Available in adults and children's sizes, plaid and solid colors. U.S.C.G. approved. Solid colors are designated style No. 216.

MFR., American Pad & Textile Co., So. Washington St., Greenfield, Ohio.



No. 325 CUSHIONS

15"x15"x2" cushions have electronically sealed vinyl inserts, each containing 5 oz. of Kapok, matching long-loop handles and perforated gussets. Available in Scotch plaid, harlequin plaid and pin stripe. U.S.C.G. approved.

MFR., American Pad & Textile Co., So. Washington St., Greenfield, Ohio.

No. 327 CUSHIONS

Vinyl-leather snap-together cushion is composed of three individual cushions each capable of serving as individual life preserver. Two or more may be snapped together. U.S.C.G. approved.

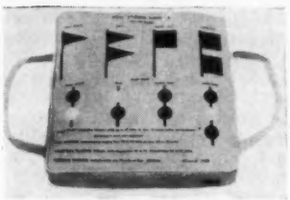
MFR., American Pad & Textile Co., So. Washington St., Greenfield, Ohio.

No. 332 CUSHIONS

Vinyl-covered cushion also has vinyl handles and gussets, perforated for air circulation around electronically-sealed Kapok inserts. Has embossed sailboat scene. U.S.C.G approved.

MFR., American Pad & Textile Co., So. Washington St., Greenfield, Ohio.

ATLANTIC-PACIFIC MFG. CORP.



"STORM SIGNAL" CUSHIONS

Life preserver cushions are illustrated with designs of the new U. S. Weather Bureau storm signals now in effect. Cushion is made boxed edge style, covered with 12 gauge unsupported vinyl, filled with kapok contained in four sealed vinyl bags. Ski belts and plastic life vests also available.

MFR., Atlantic-Pacific Mfg. Corp., 124 Atlantic Ave., Brooklyn 1, N. Y.

BRIGHT STAR IND.

FLOATING FLASHLIGHT

Fully waterproof, floating flashlight has three-way solid brass switch with signal button, red lens ring, unbreakable plastic lens, special bulb shock absorber, and spare bulb holder. Case is not affected by oils, grease, gasoline or water. Powerful, prefocused beam.

MFR., Bright Star Industries, Clifton, N. J.

BILLY BOY PRODUCTS

SPECIAL SKI LIFE PRESERVERS

Ski-Jak Life preserver for male water skiers. Ski-Jak-Ette Life preserver jacket for women water skiers.

MFR., Billy Boy Products, Inc., subsidiary of Crotty, Corp., Quincy, Mich.

GLO-BRITE PROD.

DYLITE BLOCKS

Buoyancy & flotation in boats, expanded polystyrene plastic fabricated or sold from stock as blocks and sheets in a wide range of sizes.

MFR., GLO-Brite Products, Inc., 6415 N. California Ave., Chicago 45, Ill.

STYROFOAM

Bouyancy blocks of Styrofoam for all types of boats. Have a bouyancy factor of 55 lbs. per cubic foot. Three cubic feet will support a man weighing over 150 lbs. Can be secured to the underside of outboard thwarts for emergency flotation.

MFR., Glo-Brite Products, Inc., 6415 N. California Ave., Chicago 45, Ill.

B. F. GOODRICH

HAND FLOATS

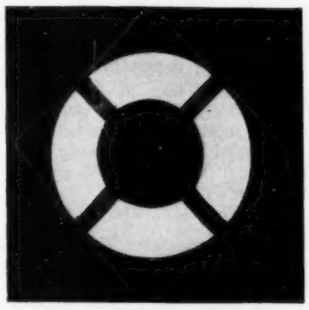
Plastic Marine Floats can be made into fenders, markers, lifebelts, watertoys.

MFR., B. F. Goodrich Sponge Products Div., Plant 3, Shelton, Conn.

WATER WONDER

Plastic Flutter kick board swimming aid: watertoy.

MFR., B. F. Goodrich Sponge Prod. Div., Plant 3, Shelton, Conn.



FLOTATION EQUIPMENT LIFE BUOYS

Spongex ring life buoys, made of one piece unicellular plastic, cannot absorb water, will not deteriorate in sun, water, oil or gasoline. Guaranteed fire resistant. Sizes from 15" to 30", prices from $9.00 to $25.00.

MFR., B. F. Goodrich Sponge Products, Div. of the B. F. Goodrich Co., Plant No. 4, Shelton, Conn.

BUOYANT CUSHIONS

In 15"x15", 21"x13", 48"x12" and 48"x14", all 2" thick. All cushions are filled with pure Kapok sealed in a moisture proof container inside the outer covering.

MFR., The Hettrick Mfg. Co., 1401 Summit St., Toledo 1, Ohio.

MANHATTAN MARINE

DISTRESS PISTOL KIT

For firing distress signal at sea. One of a complete line of marine equipment items for all boats carried by this company.

DIST., Manhattan Marine & Electric Co., Inc., 116-118 Chambers St., New York 7, N. Y.

NOBLE PRODUCTS CO.

SARAN BUOYANT CUSHION

Made from woven saran material in plaid designs. Filled with new Java kapok sealed in vinyl plastic inserts. White welt edges. Dimension: 15"x 15"x2". U. S. Coast Guard approved. Packed 6 to a carton.

MFR., Noble Products Co., Caldwell, Ohio.

RATSEY & LAPTHORN

SAILMAKER RESCUE QUOIT

It is used by Army, Navy and Air Force in air-sea rescue work. Can be thrown quickly and accurately. Comes with 45' of cotton rope that floats. Price, $6.00.

MFR., Ratsey & Lapthorn, Inc., City Island, New York 64, N. Y.

SAILMAKER HORSESHOE LIFE RING

A practical life ring that supports under the arms and back of head. Will not injure man overboard when thrown. Easy to put on in the water. Nylon rope and bronze snaphooks can be made fast even with gloves on. Fits adults and children as well. Comes in yellow or white at $25.

MFR., Ratsey & Lapthorn, Inc., City Island, New York 64, N. Y.

ELVIN SALOW

SALTEX LIFE PRESERVER CUSHIONS

Covered with vinyl coated leatherette with matching Fabric Boxing. Filled with Prime Kapok contained in 4 electronically sealed vinyl bags. 15'x15'2" for $5.35. U. S. Coast Guard Approved. Standard colors of rd, blue, green with white vinyl cording.

MFR., Elvin Salow Co., 273 Congress St., Boston, Mass.

BUOYANT JACKETS

Approved for use on Motor Boats, Classes A, 1 and 2 (Motor Boats less than 40' in length), not carrying passengers for hire. Made in 3 sizes: Adult No. AK, $7.60; Medium Child No. CKM, $6.30; Small Child No. CKS, $5.60.

MFR., Elvin Salow Co., 273 Congress St., Boston, Mass.

DELUXE CUSHION MODEL 302

U.S.C.G. approved life preserver cushions, covered with vinyl-coated leatherette or unsupported vinyl with matching breathable gusset. Filled with prime kapok in 4 electronically-sealed bags.

MFR., Elvin Salow Co., 273-285 Congress St., Boston 10, Mass.

KAPOK JACKET MODEL 22

U.S.C.G. inspected jacket filled with new prime kapok, covered with Indian orange cable. Features removable pads. Sizes for adults and children.

MFR., Elvin Salow Co., 273-285 Congress St., Boston 10, Mass.

JACKET MODEL 270

U.S.C.G. approved jacket for use on motor boats less than 40' in length not carrying passengers for hire. In 3 sizes: Adult #AK; Medium Child #CKM, and Small Child, #CKS.

MFR., Elvin Salow Co., 273-285 Congress St., Boston 10, Mass.

SCOTT-AVIATION

SCOTT HYDRO-PAK

Underwater breathing equip, used for rescue, inspection, salvage repairs & research.

MFR., Scott Aviation Co., Erie St., Lancaster, N. Y.

SEA OTTER BOATS

FIBERGLASS FLOATS

In sections from customers description; custom built with air chambers or foam filled. No stock sizes at this time.

MFR., Sea Otter Boats Co., 3265 W. Fullerton Ave., Chicago, Ill.

RAFTS AND PONTOONS

Made to any specification from fiberglass; air chamber or foam filled; custom built. No

stock sizes carried.

MFR., Sea Otter Boats Co., 3265 W. Fullerton Ave., Chicago, Ill.

STYLE-CRAFTERS, INC.

LIFE JACKETS

Vests are stuffed with kapok sealed in vinyl inserts, covered with either 6½ oz. orange drill or 5½ oz. plaid. All models meet or exceed U. S. Coast Guard specifications. Prices: adult, $7.95; large child, $6.25, and small child, $6.

MFR., Style-Crafters, Inc., Box 3277, Station A, Greenville, S. C.

LIFE PRESERVERS

Vests are available with cork, balsa or kapok stuffing, covered with 9½ oz. heavy orange drill. All models meet or exceed U. S. Coat Guard specifications. Available in following models; adult, cork, $11.50; child, cork, $9.75; adult, balsa, $11.50; child, balsa, $9.75; adult, kapok, $11.75, and child, kapok, $9.

MFR., Style-Crafters, Inc., Box 3277, Station A, Greenville, S. C.

CUSHION LIFE PRESERVERS

A variety of cushions which meet or exceed U.S. Coast Guard specifications for individual flotation equipment; in sizes from 15"x15"x2" to 15"x26"x2", in duck, vinyl, vinyl leatherette. Prices from $4.50 to $18.95.

MFR., Style-Crafters Inc., P.O. Box 3277 Sta. A. Greenville, S. C.

CYLINDER FLOAT

4" diameter by 3" long, in "plastisol." Price $1.00.

MFR., Style-Crafters Inc., P.O. Box 3277, Sta. A, Greenville, S. C.

H. S. WHITE MFG. CO.

VEST LIFE PRESERVERS

Kapok, Cotton cloth. Adult, price $7.95. Child, medium, price, $6.60. Child, small, price, $5.85.

MFR., H. S. White Mfg. Co., Inc., New Prague, Minn.

BOAT CUSHION

Kapok 15"x15"x2". Price $4.65 to $5.50.

MFR., H. S. White Mfg. Co., New Prague, Minn.

CUSHION

15"x15"x2" in size. Made of new kapok in vinyl pads, according to Coast Guard specifications. Price $6.15 to $6.45.

MFR., H. S. White Mfg. Co., Inc., New Prague, Minn.

CUSHION

13"x18"x2" in size. Made of new kapok in vinyl pads which are in four separate compartments to prevent shifting. Made according to Coast Guard specifications. Price $6.85.

MFR., H. S. White Mfg. Co., Inc., New Prague, Minn.

VEST

Made of new kapok in the following sizes and types: Adult, zipper; adult, collar; adult, hunters; child, collar; child, tutor buoy; adult, vest-n-cushion; ski-belt. Prices from $3.15 to $9.85 depending on size and type. The ski belt has stuffing contained in electronically sealed vinyl pads to prevent waterlogging.

MFR., H. S. White Mfg. Co., Inc., New Prague, Minn.

CANVAS & COVERS

AMERICAN PAD & TEXTILE CO.

BOAT COVERS

Designed for boats with windshields. Of water repellent canvas equipped with elastic shock cord. For boats from 14 to 20'. Another line of covers available for boats without windshields. Of draw-rope construction for use with or without hooks. Fits boats 12 to 16'.

MFR., American Pad & Textile Co., So. Washington St., Greenfield, Ohio.

ASTRUP CO.

BOAT COVER FABRICS

Water and mildew resistant fabrics in pearl gray, linen, colorless and khaki are offered. Also impregnated vinyl boat ducks in pearl gray, white and colorless; pre-shrunk army ducks in pearl gray, khaki and colorless; water and fire resistant ducks, twills and drills; Saran; vat dyed ducks; and synthetic outdoor fabrics.

MFR., Astrup Co., 2937 W. 25th St., Cleveland 13, Ohio.

BARKER MFG. CO.

BARKER COVERS

Outboard motor covers, canvas cover for motors, canvas carrying bags, cotton rope for mooring and anchors.

MFR., Barker Mfg. Co., 20 N. Main St., Honeoye Falls, N. Y.

BARKER BOAT COVER

8' and 16'6" widths. This lightweight polyethylene cover is seamless, waterproof and transparent. It will not mold or mildew and will remain flexible in temperatures to −65° F. Price, 5¢ per sq. ft.

MFR., Barker Mfg. Co., 20 North Main St., Honeoye Falls, N. Y.

TOPS

Topper and Voyager convertible tops. Made of vinyl nylon with aluminum frame for all open type boats, wrap-around plexiglas windshields with all fixtures. Boat covers: canvas boat covers for most boats used for mooring boats. Cockpit covers: Canvas covers for all sail boats. Tarpaulins: canvas tarpaulins for winter storage. Socket and bows. Aluminum sockets and adjustable wood bows to support covers.

MFR., Barker Mfg. Co., 20 N. Main St., Honeoye Falls, N. Y.

BARKER TARPAULINS

Fiber and paper tarpaulins are made of burlap-asphalt paper laminate. Material is strong, waterproof, durable and tear-resistant. Price, .10 per sq. ft.

MFR., Barker Mfg. Co., 20 North Main St., Honeoye Falls, N. Y.

"VOYAGER" CONVERTIBLE TOP AND WINDSHIELD

17" windshield. Top is available in two lengths, various widths and seven colors. Polished aluminum frame is jointed for handling. Top of duck fits around windshield. Detachable side curtains are available at extra cost. Top is also available with detachable flexible plastic windshield. Price, $55.

The Wrap-Around Windshield, available with either clear or tinted Plexiglas, is designed to fit any boat. Is equipped with aluminum hardware and fittings, also rubber deck channel. Available in six sizes—46" to 72" wide and 12", 15" or 17" high. Price, from $27.85.

MFR., Barker Mfg. Co., Honeoye Falls, N. Y.

CAMPBELL MFG. CO.

DELUXE NEPTUNE

A convertible boat canopy of white nylon marine fabric that will not rot, shrink, or mildew. Hot dipped galvanized frame covered with chip-proof white synthetic. Chrome plated brass fittings. Comes in two sizes for boats with beams 58" to 66" and 68" to 76". Price, $59.95.

MFR., Campbell Manufacturing Co., 1345 Plowman Ave., Dallas 3, Texas.

NYLON BOAT COVER

New white nylon fitted boat cover in sizes to fit all major boats. Food, liquids, oil, and grease wipe off without staining. Resistant to heat and sub-zero temperatures. Safe from accidental combustion of cigarette sparks and cinders as material is self-extinguishing. Company also features "Beach-N-Boat" personal carrying bags made from durable U. S. Naugahyde in red trimmed with black and white for $3.95 plus tax.

MFR., Campbell Manufacturing Co., 1345 Plowman Ave., Dallas 3, Texas.

ELLIOT CLARKE

No. 108 BOAT COVER SUPPORT

Fits all standard runabouts to support canvas cover and prevent rainwater pockets. Attach six brass clips supplied to coaming, windshield frame or deck. Then clip shock cord "spider web" to them, raise center on broomstick or dowel and pull tight. Price, $12.95.

MFR., Elliot Clarke, Hamburg Cove, Lyme, Conn.

EUREKA TENT & AWNING

STANDARD SHAPED BOAT COVERS

These covers are made in 3 grades. They are made in lengths from 12' through 17' and in 3 widths. All of the covers are equipped with draw rope, reinforced grommets, and all points of strain are reinforced with plastic coated sailcloth in a contrasting color. Price, from $11 to $23.58.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

LEADER BOAT COVER

This new protective boat cover is made in a high count sailcloth pearl grey in color and resistant to mildew and water. It is shaped and will fit most boats. The 14' size is made to retail at $9.95 with standard trade discount. Other sizes from 13' to 17'.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

OUTBOARD MOTOR CARRY-CASE

Made of plastic coated sailcloth in a wide variety of colors such as red, blue, yellow, silver, chartreuse, green, turquoise, etc. Equipped with a pocket for tools, ventilators and a heavy shoulder strap for carrying. Made for popular models of outboard motors. Price, $8.45 to $11.50.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

BOAT FLOOR MATS

Hand woven in the Orient. Price, $5 each.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

DELUXE CUSTOM MADE BOAT COVERS

Made of pre-shrunk, 4-ply duck, fast to light, mildew and water repellent. Fold-a-way motor pouch is available as well as windshield pocket. Prices, from $25 to $32.22.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

CUSTOM MADE CONVERTIBLE TOPS

For boats equipped with wooden windshields, in either sail cloth or "Sea-Tex" coated nylon. Prices, from $65 to $77.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

BEL AIRE CONVERTIBLE TOP

4 sizes to fit most boats, convertible top of canvas or nylon with Plexiglass windshield.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghamton, N. Y.

GULF STREAM CONVERTIBLE TOPS

2 widths to fit most outboard boats, and will fit all 15 to 18 inch Plexiglass windshields. Available in army duck or "Sea-Tex" nylon. Prices, $49.50 and $55.

MFR., Eureka Tent & Awning Co., Inc., 35-45 State St., Binghampton, N. Y.

P. EVANSON BOAT CO.

SAILS FOR CELEBRITY CLASS

Egyptian cotton. Price: main and jib, $155, main, $110, jib, $50, Genoa #1 (57 sq. ft.) $65, Genoa #2 (76 sq. ft.) $75. Custom-made canvas cockpit cover, $45. Woven cotton, main, jib and Genoa sheets with thimbles, $6, $7, $8, respectively.

DIST., P. Evanson Boat Co., 236 W. Johnson St., Phila., Pa.

MARTY GILMAN

LIGHT COVERS

Covers for lights and motors, custom built. Sponge rubber boat cushions, custom built.

MFR., Marty Gilman, Inc., Gilman, Conn.

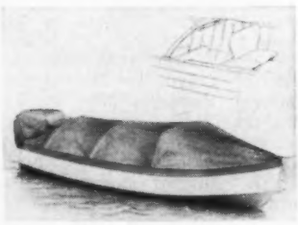
HERCULITE MARINE

HERCULITE MARINE FABRIC

Roll goods available in 55", 20' and special widths for canopies, side curtains and upholstery. Fabric is mildew- and rot-proof, will not stretch or shrink, has high tear resistance and is waterproof. Available in colors.

MFR., Herculite Marine, 140 Little St., Belleville, N. J.

HETTRICK MFG. CO.



BOAT AND MOTOR COVERS

A combination boat and motor cover for outboard motorboats from 12' to 16', features a self-contained motor pocket and will fit windshields to 15" high. Fabric is 1.90 spruce green tent twill, lanetized, mercerized, water repellent and mildew resistant. Ash bows and die-cast sockets are supplied with each cover.

MFR., The Hettrick Mfg. Co., 1401 Summit St., Toledo 1, Ohio.

LAFAYETTE SUPPLY CO.

LAFAYETTE BOAT COVER CLAMP

Spring loaded clamp grips draw rope in hem of boat cover, and tension spring hooks into lashing hook attached to side of boat. Allows for approximately 2" shrinkage on each side of cover. Clip is rubber coated to prevent marring of the boat. Small neat lashing hooks extend only ½" from boat relatively eliminating danger of being bumped. 2 to 4 hooks are needed on each side of boat depending on size of boat and neatness of fit desired. Price, $.85.

MFR., The Lafayette Supply Co., West Lafayette, Ohio.

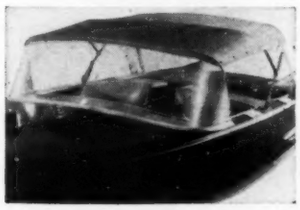
NATIONAL CANVAS PRODUCTS CO.

TOPMASTER BOAT TOPS

Custom made folding tops, side and aft curtains and covers for cruisers and outboards. Tops are of 13-ounce pre-shrunk "Vivatex" in white, khaki or pearl gray. Dot type fasteners used throughout. Frames are of ⅜" aluminum pipe. Anodized aluminum frames also available. Aluminum fittings standard on tops for boats to 18-feet. Chrome brass fittings standard on boats of 19 feet and up.

MFR., National Canvas Products Corp., 4004 Vermaas Ave., Toledo, Ohio.

PRE-VUE CO.



HOLIDAY PLAY TOP

A 3½' vinyl-coated or cotton duck fabric boat top. Converts the open boat into a fully enclosed sedan. Line features zippered entrance doors, white bows, chromed hardware, and a functional "bow-hinge-fender-cleat" combination. Available in many colors.

MFR., Pre-Vue Co., Inc., Minneapolis, Minn.

SPEEDSTER TOPS

A boat top and windshield assembly. Features 18', "Ful-Vue" plexi-glass windshield complete with trim and fastenings in six different deck widths. Also a complete line of pre-drilled easily installed windshields.

MFR., Pre-Vue Co., Inc., Minneapolis, Minn.

STYLE-CRAFTERS, INC.

COVERS

Custom-made boat covers of canvas and other waterproof material, custom-made motor covers and custom-made inboard motor hood covers. Prices, from $11.50.

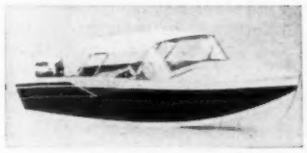
MFR., Style-Crafters, Inc., P.O. Box 3277, Sta. A, Greenville, S. C.

N. A. TAYLOR CO., INC.

BOAT COVERS

Stock models available for boats with or without a windshield. Made from 10.10 oz. U.S. Army Duck, "Vivatex" treated for weather resistance. Aqua Grey color. Double lock-stitched with Orlon thread. Also motor hoods. Prices start at $28.75. Flags and pennants also available.

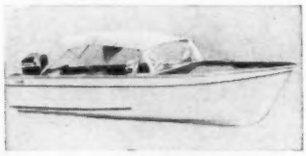
MFR., N. A. Taylor Co., Inc., 14 West 9th Ave., Gloversville, N. Y.



CONTINENTAL CONVERTIBLE

Extra high windshield with factory-assembled metal frame top and bottom. Frame is nylon-covered and windshield features "SpeedAire" vent wing brackets for draft control. Price, $198.

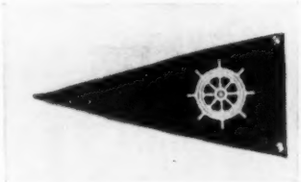
MFR., N. A. Taylor Co., Inc., 14 W. 9th Ave., Gloversville, N. Y.



HOLIDAY CONVERTIBLE

Universally fitting windshield is 18" high, of aircraft plexiglass. Features "SpeedAire" ventilating wing brackets. Adjustable center bracket is available as an extra. "Boa-Top" is made of 10.10 oz. U. S. army duck, "Vivatex"-treated for mildew resistance. Available in 6' length with tail panels with aluminum frame and hardware. Side curtains and zippered storage boot for "Boa-Top" are optional. Price, from $128.25.

MFR., N. A. Taylor Co., Inc., 14 W. 9th Ave., Gloversville, N. Y.



FLAGS AND PENNANTS

Nylon flags are "perma-print" dyed for weather-fastness, available in 12"x18" size. Cotton pennants with novelty and precise nautical meaning, are printed on sail cloth, available in 10"x16" size. Prices: flags, $2.65, and pennants, $1.25.

MFR., N. A. Taylor Co., Inc., 14 W. 9th Ave., Gloversville, N. Y.

BOAT SEATS

AMERICAN BOATBUILDING CORP.

FISHING CHAIR

Seat made of fiberglas with colors and pole holder molded in. Supported by brass standard. Universal swivel pole socket available.

MFR., American Boatbuilding Corp., Beetle Boats Div., East Greenwich, Conn.

COMFORT CO.

MODEL NO. 556 PILOT CHAIR

Has seat size of 17½" wide and 16½" deep. Both seat and arms cushioned with 2½" molded foam rubber. Back size is 13"x 12" cushioned with 1½" foam rubber. Seat back and foot ring are adjustable. Seat adjustable from 22" to 31" from deck. Foot ring adjustable from 3" to 10½" from deck. Seat back and arms are covered with Naugahyde perforated for coolness. Standard colors red, blue or green. Steel frame finished in neutral gray.

MFR., Comfort Co., 200 So. 7th St., St. Louis 2, Mo.

MODEL NO. 1145 PILOT CHAIR

Has a seat size of 19" wide and 18" deep. Seat back and arms are cushioned with 2½" molded foam rubber. Back size 17"x14". Seat height adjustable from 22" to 31". Foot ring adjustable from 3" to 10½" from deck. Seat back and arms covered with elastic Naugahyde in green, blue or red. Steel frame finished in neutral gray.

MFR., Comfort Co., 200 So. 7th St., St. Louis 2, Mo.

GARELICK MFG. CO.

DELUXE YACHT CHAIR

EEz-in heavy duty deck chairs, constructed for years of rugged use. Lightweight, and fold flat for storage. Made of full 1" high tensile, corrosive resistant aluminum tubing, sewn 18 oz. heavy duck material. Six rubber cushioned legs for sure footing and non-tilt feature; varnished mahogany arm rest. Available in red, blue, green or yellow, boating insignia on back.

MFR., Garelick Mfg. Co., St. Paul Park, Minn.

HELMSMAN SEATS & FOOT RESTS

Two series of Helmsman seats: HS line and new Deluxe Series. Constructed of aluminum framework & Marine type plyboard. Upholstered in marine type Naugahyde. Padding is waterproof resilient material. Never sags, resists mildew. Available in several colors.

Helmsman Foot Rests in 15"x 18".

MFR., Garelick Mfg. Co., 644 2nd Street, St. Paul Park, Minn.

IMPERIAL BIT SNAP CO.

SWIVEL BOAT SEAT

Seat with back rest for Row Boats.

MFR., Imperial Bit Snap Co., 1350 Clark St., Racine, Wis.

LAFAYETTE SUPPLY CO.

LAFAYETTE DINBEC BOAT SEAT HINGE

Installation requires only the purchase of a board 1 ft. wide and desired length for seat back, which is bolted to seat hinges. Hinges are then bolted to present boat seat. Constructed of alloy aluminum, rustproof. With one backrest a variety of positions are possible: down or horizontal for rowing and to keep seat dry when boat is not in use, tilted back to face forward, and tilted forward to face aft. Price, $7.25.

MFR., The Lafayette Supply Co., West Lafayette, Ohio.

POMPANETTE, INC.

AUXILIARY SEAT

Folding deck chair instantly becomes a fishing chair when the auxiliary seat is placed in it. Used on any bench, motor box, cross seat, or even on the floor of boat. The seat is made with chromium plated gimbal to support slotted rod. It is built on a marine plywood base with foam rubber pad filling and U. S. Naugahyde plastic covering to give many years of service. All hardware is brass. Over-all dimensions of seat are approximately 17" wide by 16" deep by 3" thick. Price, $28.00.

MFR., Pompanette, Inc., Hollywood, Fla.

DOLPHIN CHAIR

Heavy gauge anodized aluminum tubing arms and back supports. Assembled with stainles steel bolts at all stress points. Full swiveling with lock in any position. Price, $135. Plastic cover to put over chair when not in use, $12. 12" mounting discs for fiberglass decking (including nut plates and bolts) $3.75.

MFR., Pompanette, Inc., Hollywood, Fla.

REDMAN CHAIR

Upholstery is heavy U. S. Naugahyde over thick foam rubber pads, supported on treated marine plywood. All metals used are brass, bronze or stainless steel. Two positions for back, readily adjustable. Swivels, and may be locked in any position. Chair and pedestal may be removed. Chrome-plated cover is provided to fill hole in deck plate. Under-deck-plate is provided to clamp deck securely; 5 stainless steel bolts and nuts are provided. Rod holders available for either right or left side. Price, $314.50 (specify right or left rod holder); ball bearing swiveling optional, add $33; three position gimbal optional, add $28.50; plastic chair cover, $12.

MFR., Pompanette, Inc., Hollywood, Fla.

QUAD FISHING CHAIR

Top section of the chair separates from the base, permitting passage through narrow cabin doorways. Chair is constructed of heavy anodized aluminum tubing, tensaloy castings, foam rubber pads in seat, back and arms, covered with heavy U. S. Naugahyde. Only nylon thread is used in sewing. Screws and bolts at stress points are stainless steel. Chair swivels, and locks in any position. Weighs approximately 32 lbs., retails at $118. Plastic chair cover, $12.00.

MFR., Pompanette, Inc., Hollywood, Fla.

SCOTT PORT-A-FOLD

HO-33

360° degree swivel with 12½" x14½" seat, upholstered and covered with "Boltaflex" vinyl plastic. Posture-curved pressed wood backrest. Metal finished baked-on enamel and vise-type clamps are featured. Adaptable to boats with air tank seats. Price, $10.25; West Coast, $10.75.

MFR., Scott Port-A-Fold, Inc., Archbold, Ohio.

HELMSMAN SEAT HSR-26

Model can be used on any cruiser, has 14"x16" seat and 9"x15" contour backrest heavily padded with "Cush-N-Foam" and covered with weather-proof "Boltaflex" vinyl plastic. Swivels 360°. Tubular U-shaped seat support locks into special bracket and may be fastened to bulkhead or coaming. Reversible for port or starboard mounting. It is adjustable to any height, folds out of way when not in use, and off-back hinges will support 300 lbs. Price: $34.95, West Coast, $35.75. Model HS-261, without arm rests, $29.95, and West Coast, $30.75.

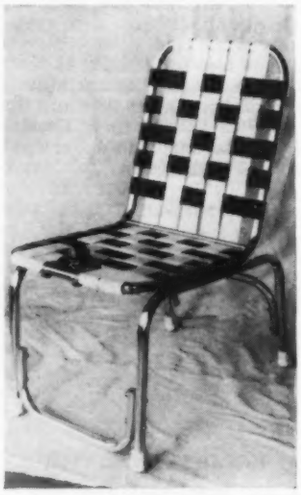
MFR., Scott Port-A-Fold, Inc., Archbold, Ohio.

OSR-25L

Swivel model is designed for use with 15"x15" life preserver cushion, which is held securely to seat by front bracket. When seat is folded for carrying, cushion locks between seat and upholstered back rest. Metal parts are zinc chromate plated. Can be adapted to air tank seats. Price, $19.95; West Coast, $20.75. Model OS-24L (without arm rests), $14.50; West Coast, $14.95.

MFR., Scott Port-A-Fold, Inc., Archbold, Ohio.

SEA-LAWN PRODUCTS



FISHING CHAIR

Especially designed for Sea Skiff boats and rigged for fishing rod. 17½" wide, floor area 17½"x26". Built of heavy gauge, polished aluminum with rubber tipped feet and brass chrome plated swivel gimbals, plastic webbing in red, yellow, blue, green, white, or brown. Price $43.00, two for $80.00.

MFR., Sea-Lawn Products Co., P.O. Box 716, Long Beach, L. I., N. Y.

TELESCOPE FOLDING FURNITURE CO.

FOLDING CHAIR

Mahogany stained or natural finish hardwood seat and backs, with brass screws, on a polished 1" aluminum frame fitted with stainless steel and aluminum hardware-fastenings. Price: nat. finish, $23.20; mahogany fin., $20.20.

MFR., The Telescope Folding Furniture Co., Inc., Granville, N. Y.

FOLDING MARINE CHAIRS

Wood and canvas director's

chair, all-wood pilot's chair, wood and canvas stools and aluminum-wood chairs.

MFR., The Telescope Folding Furniture Co., Box 299, Granville, N. Y.

WINCHES

BENSON'S ANCHORS, INC.

BENSON'S ANCHOR CAPSTAN

1⅝" high x 2⅝" in diameter. To be attached to deck with 3 screws, this small, free-running capstan is for running anchor line from bow chock to cockpit or stern seat. It is made of high-strength aluminum alloy.

MFR., Benson's Anchors, Inc., 316 So. Orchard Rd., Syracuse 4, N. Y.

CAPT. JOHN'S MARINE HARDWARE

CAPT. JOHN'S DAVITS

A lightweight, rugged davit installation for tenders of all sizes. Capacity from 350 to 500 lbs. May also be used as fish or anchor hoists in the larger models. Features 360° swivel, and easily demountable base for stowing davits. Available in aluminum or ginger colored finish. Gunnel lock prevents swaying in a seaway. Special vertical mounting base available for boats with little after decking. Winch for davits extra.

MFR., Capt. John's Marine Hardware, P. O. Box 92, Wethersfield, Conn.

CHISHOLM-MOORE

LODESTAR ELECTRIC HOIST

Electric chain hoist in ⅛ to 1

ton capacities has push button control, is fully enclosed to protect all parts. Adjustable upper and lower safety limits. Self-adjusting heavy duty brake. Special 30-minute rated motor will avoid dangerous overloads. Operates on 115 volts.

MFR., Chisholm-Moore Hoist Div., Columbus McKinnon Chain Corp., Tonawanda, N. Y.

CYCLONE HAND CHAIN HOIST

Made of aluminum alloy, ¼ to 10 tons capacities. Welded steel load chain furnishes maximum flexibility. Double sealed ball bearings at each rotating point. Quick-acting brake.

MFR., Chisholm-Moore Hoist Div., Columbus McKinnon Chain Corp., Tonawanda, N. Y.

CROWELL DESIGNS, INC.

GEARHEAD MOTOR HOIST

Approximately 10"x4½"x5". A compact, powerful motor hoist with 20:1 reduction drive. Splashproof and sparkproof, it uses all DC voltages. Price, $95.

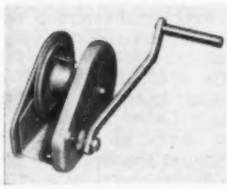
MFR., Crowell Designs Inc., P. O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

GEARHEAD MOTOR WINCH

5" high, 4½" wide, 10" long. This splashproof motor has a power ratio of 20:1, ¼ hp DC. It is available in all DC voltages. Price, $95 to $115.

MFR., Crowell Designs Inc., P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

FULTON CO.



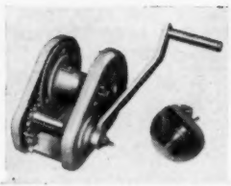
NO. 252 WINCH

3:1 gear ratio, rated capacity, 1,000 lbs. Features include two-way ratchet with neutral position and 1¾" hub diameter for rope or cable. Drum and handle operate in opposite directions, and removable handle is equipped with sleeve roller grip. Rope capacity is 30 feet of ⅜" diameter.

MFR., The Fulton Co., 1912 S. 82nd St., Milwaukee 19, Wis.

NO. 254 WINCH

3:1 gear ratio, rated capacity,



1,000 lbs. Winch has automatic self-energizing brake, and may be operated with conventional ratchet or with no ratchet or brake action. Oil impregnated bushings throughout.

MFR., The Fulton Co., 1912 S. 82nd St., Milwaukee 19, Wisc.

SEABRIGHT MARINE HARDWARE

TOP ACTION WINCH

Fast acting, double ratchet winches. Handle is hinged to avoid loss and to speed sheet handling. Made from polished bronze with stainless steel pins and springs. Handle clearance, 18½". Drum diameter, 2". Handle extended, 2¾". Base diameter, 4⅛". Weight, 4½ lbs. Price, $33.90.

MFR., Seabright Marine Hardware, Division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

SOUTH COAST CO.

GEARED WINCH

Gear ratio 6 to 1. Power ratio 22 to 1. Winch drum and handle both rotate clockwise. Available chrome plated. Handle clearance radius, 10⅝". Minimum drum dia., 5½". Maximum drum height, 4⅝". Base dia., 8½". Shaft, with integral driving gear, machined from one piece of monel bar. Bronze base and spindle. Either bronze drum or bronze bushed aluminum drum.

MFR., South Coast Co., Newport Beach, Calif.

RACHET WINCHES

Designed especially for most auxiliary racing and cruising types. Power ratio, 8 to 1. Pawl type rachet.

MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

SOUTH COAST HAND WINCH

Pawl type rachets. Made of polished bronze, chrome plated. Available in 3 sizes:

Height	Diam. of base	Weight
3⅛"	3 7/16"	2 lb. 8 oz.
3½"	4 1/16"	4 lb. 6 oz.
4½"	5 5/16"	9 lb. 10 oz.

MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

SMALL BOAT SHEET WINCHES

Flat, permanently attached handle, fitted close to deck. Drum sheet, ⅜". Handle clearance radius, 7½". Minimum drum dia., 11 5/16". Height, 2⅛". Base diameter, 3⅝". Weight, 2 lbs. 11 oz.

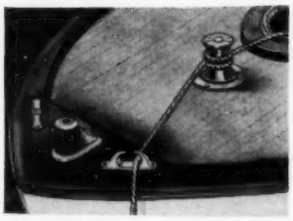
MFR., South Coast Co., Newport Blvd. at 23rd St., Newport Beach, Calif.

VAC-U-MATIC CORP.

VACUUM WINCH

A small, "Vest Pocket" vacuum winch for boat trailers and anchor rods, 10"x9"x3½", which operates from a single tube off the boat or car engine manifold. Handles up to 100 lbs. lift. Also equipped for hand-operation. Prices start at $59.50.

MFR., The Vac-U-Matic Corporation, 146 Mott St., Oceanside, N. Y.



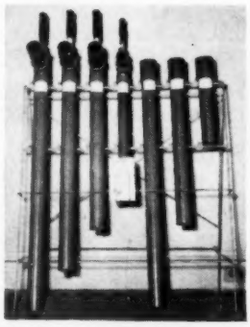
VACUUM CAPSTAN

Operating on the same principle as the "Vest Pocket Vac-U-Matic" winch, the "Gersh-O-Matic" capstan is powered by a single tube off the boat's engine manifold and cannot be harmed by an overload. It is designed for fitting on deck and provides power for weighing anchor or warping a boat. Two models are available: the below deck model with capstan on deck and working parts below; and the above deck model which mounts the entire unit on deck. Dimensions are: capstan diam. 4½"x2⅝"; deck dimensions 6"x5"x4½" or 12½"x 10¾"x3¾"—dependent on model. Capacity to 400 lbs., speed from 20 to 30 ft. per minute. Power ratio 20:1. Prices from $99.50 to $119.50.

MFR., The Vac-U-Matic Corp., 146 Mott St., Oceanside, N. Y.

PUMPS & BAILERS

ALLAN MARINE, INC.



TUFFY PUMPS

A complete line of marine bilge pumps which are lightweight, rustless and non-corrosive. Replace galvanized portable bilge pumps. Manufactured from "Kralastic" synthetic material as used in jet aircraft fuel lines. Impervious to gas, oil, acids and salt water. Lengths from 1 to 4' with extensions. Special lengths to order. Features select hickory handles and bronze ball check valves. Prices from $6.50 to $10.70.

MFR., Air Coil Co., Amityville, L. I., New York.

JET WATER PUMP

A quiet, switch operated fresh water pump furnished with a 1/20 HP 6 or 12 volt electric motor. Completely rubber sealed, 4 vaned impeller, stainless steel shaft. Capacity 750 gals. per hour from 1' head, 8" high, 6 amp maximum battery drain. For bait-tank or other fresh water pumping. 6 volt, $27., 12 volt, $28.50.

MFR., Allan Marine, Inc., Hicksville, L. I., N. Y.

AUTO-MATIC PRODUCTS

NO. 1-MP-12 AUTOMATIC BILGE PUMP

9"x5½". Weight, 10 lbs. This is a non-clog and semi-submersible electric pump. It is capable of moving over 400 gallons per hour at a 5 foot head. Price, $36.

MFR., Auto-Matic Products Co., 2268 So. Parkway, Chicago 16, Ill.

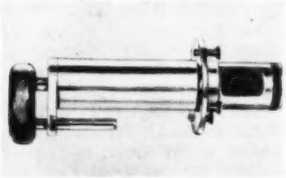
BARNES MFG. CO.

S-4 ME ELECTRIC PUMP

Capacity 2400 gallons per hour at 25 foot head, 1 HP. Dimensions: 24"x9"x11"; shipping weight, 120 lbs., length of wire float controls, 36". (Additional wire can be added for greater sump depths); operating voltages: 110-120; floatless switch mechanism; bilge type foot-valve and strainer; non-clogging impeller.

MFR., Barnes Mfg. Co., 651 N. Main St., Mansfield, Ohio.

BRITISH MARINE PRODUCTS



TUPHBLOX AUTOMATIC BAILER

Tupn Bailer has a patented valve action operated by a laminated handle atop the fitting. With a twist and push downward, the bailer is placed in operation, the forward movement of the boat drawing bilge water out. After bailing, the handle is returned to the closed position, and the hull opening is tightly closed by a rubber-valve type of washer. When the bailer is in the closed position, the bottom of the boat is smooth, with no obstruction whatever. The valve action prevents the possibility

of any siphoning or leaking back.

DIST., British Marine Products, Ltd., 80 Shore Rd., Port Washington, N. Y.

CROWELL DESIGNS, INC.

MODEL D PRESSURE PUMP

Length, 14"; width 5½", height, 6½". Capacity to 500 gallons per hour, with pressure setting; *on* 25 lbs., *off* 40 lbs. This self-priming pump uses all DC voltages—⅙ hp, and has positive displacement. Price, $115. Separate pressure tank necessary, price, $42.50.

MFR., Crowell Designs Inc., P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

MODEL J PUMP

A multi-purpose and bilge pump available in all DC voltages. With capacity to 1,000 gallons per hour, and ten feet of dry lift, it has positive displacement and is self priming. It mounts high and dry to prevent electrolysis, and is splashproof and sparkproof, with sufficient outlet to use for washdown or emergency engine cooling. The pump is water-lubricated and will pass small solids without damage. Price $90.

MFR., Crowell Designs, P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

NOS. BPI (⅜") & BP2 (¾") PUMPS

Length, 14", width 4½", height, 5". Operated by all DC voltages and have capacity to 1,000 gallons per hour at ⅙ hp. They can pump either water or hydrocarbons, and features include pressures to 150 p.s.i., positive displacement, self-priming, and no electrolysis. Pumps are splashproof, sparkproof, and will lift 15 feet on suction side. Price, $90 to $100.

MFR., Crowell Designs Inc., P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

DE PERSIA

AUTOMATIC BAILER

Mounts on boat bottom near stern, functions automatically by vacuum from boat's movement through the water. Machined aluminum casting, anodized and dichromate sealed. Seal rings and valve seat of Neoprene; solid Polyethlene check ball automatically closes bailer when speed is reduced. Safety cap for securing bailer when boat is on mooring.

MFR., De Persia Automatic Bailer, Inc., Grand Haven, Mich.

W. G. FEIK

BOAT DRAINS & BAILERS

For the removal of excess water, bottom type. For the removal of water from the boat.

MFR., W. G. Feik, 1809 Afton St., Houston, Texas.

GORMAN-RUPP INDUSTRIES

9T23-10 BAIT OR BILGE PUMP

Pump is available in both 6 volt and 12 volt systems for dry or wet battery. Can be furnished in either 10" or 17" overall length, powered by a 1/35 hp motor operating at 3,000 rpm. Unit is equipped with mounting clamps. Prices: 10", 6 volt, $21.95; 17", 6 volt, $22.95; 10", 12 volt, $23.95, and 17", 12 volt, $24.95.

MFR., Gorman-Rupp Industries, Inc., Bellville, Ohio.

JABSCO PUMP CO.

MODELS 5320, 3890, 3890-01, 5330 PUMPS

Vertical Port, self priming pump series: Models 5230-⅜"; 3890-½", 3890-01-¾", and 5300-1" port sizes. These units are designed for both low or high speed operation with pulley or direct motor drive and are equipped with ball bearings sealed and lubricated. Self priming, one moving pumping part, servicing without removing the pump from installation. All metal parts are constructed of marine bronze.

MFR., Jabsco Pump Company, 2031 N. Lincoln St., Burbank, Calif.

KENCO PUMPS

KENCO PUMP

Pump, model 101, capacity 600, 2700 rpm, 62" high, 5" diameter. Available 6, 12, 32 volt DC and 110 v AC. Weight approx. 14 lbs. Completely submersible, all bronze. Pump impeller coupled direct to motor, no bearings operating in water. Switch works with any voltage pump. Prices range from $38.50 for non-automatic 6 volt to $68.75 for automatic 110 volt.

Kenco Pump Division, 1305 Oberlin Ave., Lorain, Ohio.

LAFAYETTE SUPPLY

LAFAYETTE D-6

Hand operated bilge pump. 20 gauge zinc coated steel barrel, length 24", diameter 1½". Weighs 2½ lbs. Capacity of more than 10 gal. per minute. Screw-on top and bottom caps, replaceable leather sucker and check valve of oil-treated leather. Price, $4.25.

MFR., The Lafayette Supply Co., West Lafayette, Ohio.

LONGPORT MARINE

LOVETT BILGE PUMP

A self lubricating, plastic encased, air and watertight unit which protects electrical parts and prevents electrolytic corrosion in pump parts. Available in automatic and manually operated switch models. Capacity 550 gals. per hour with a 3 ft. head. Current consumption 42 watts. 5⅝" high.

MFR., Longport Marine Co., 26th Ave. and Bay, Longport, N. J.

MARINE PRODUCTS CO.

R-130 BILGE PUMP

All-bronze bilge pumps in sizes ranging from ⅜" to 3", with capacities as high as 300 gallons per minute.

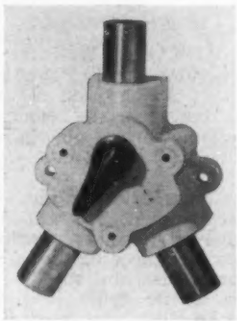
MFR., Marine Products Co., 515 Lycaste Ave., Detroit 14, Mich.

PETERS & RUSSELL, INC.

SEA MASTER NAVY TYPE BILGE PUMP

24" long, with 2½" cylinder, 14" stroke; pump is recommended for use on cruisers and work boats. Pumps one gallon with three strokes. Fiberglass brackets permit mounting in any location or position, and threadless fittings accept any standard 1¼" I.D. hoe. Price, $24. Also available are other types and sizes of pumps suitable for various boats.

MFR., Peters And Russell, Inc., Springfield, Ohio.



BILGE PUMP VALVE

2-way intake bilge pump valve allows pump to draw water from either fore and aft in power boat installations, or port and starboard sides of hull in sailboat installations. Available with various sizes of fittings to take standard hoses.

MFR., Peters And Russell, Inc., Springfield, Ohio.

SIPHON-ALL PRODS.

SIPHON ALL

"Siphon-all" attaches to garden hose for clearing water from leaking boats. Draws 300 gals. per hr. Suction hose in boat, discharge overboard. No mechanical parts. Made of chrome on heavy gauge zinc. Price, $2.95.

MFR., Siphon-all Products, Dept. B7, 75 Main St., Hempstead, L. I., N. Y.

SUDBURY LABORATORY

SUDBURY SUBMERSIBLE PUMP

Measures 3⅜" in diameter, 5¾" overall height. Operating at 6, 12 or 32 volts. Capacity, 200 gals. per hr. at 4' head. This submersible pump is completely made of plastic with a motor imbedded in plastic. The motor shaft is coated with nylon. 51" of screen area. Pump may be run dry or wet for as long a period as the owner wishes. Complete plastic construction eliminates the possibility of electrolysis of corrosion. Price, $39.95, 6 volt.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

TRYLON CHEMICALS, INC.

TRYLON BILGE PUMP

New marine floating pump has barrel, handle and extensions of newly-developed, high density, wear-resistant polyethylene. Spout, piston and valves are of low-density polyethylene. Non-corrosive, and not affected by salt water, oil, gasoline, caustics, acids or solvents. Double-action pump has "slit-type" foot and plunger valve. Supplied with an 18" extension to increase normal 24" height to 41". Extension can be cut to any desired length. Pumps 10 gallons per minute. Price, $6.95, including extension.

MFR., Trylon Chemicals, Inc., Lock Haven, Pa.

SALES AGENT: Edward M. Melton & Co., 60 E. 42nd St., New York 17, N. Y.

WILCOX-CRITTENDEN DIV. NORTH & JUDD

BILGE PUMP

3 strokes required for each gal. of water thrown. Has priming plug in top, should need ever arise. Drain plug for winter haulout. Adjustable mounting brackets, drilled for ¼" bolts.

MFR., Wilcox-Crittenden, Div. North & Judd Mfg. Co., Middletown, Conn.

FIRE EXTINGUISHERS

AMERICAN LA FRANCE

PROTEXALL PORTABLE

14½" high, weighs 4 lbs., uses a dry, white powder expelled under pressure which cannot harm people, pets or food. For fighting grease, oil, electrical, wood, fabric and other types of fires. Built-in pressure type gauge. Price apprx., $18.00.

MFR., American LaFrance Corp., Elmira, N. Y.

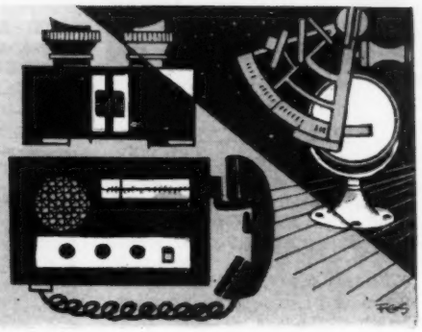
GENERAL CORP.

QUICK AID

Stored-pressure, dry-chemical fire extinguishers, for use on Class B and C fires (oil, gas, paint and electrical). Available in 2½, 5, 10, 20 and 30 lb. sizes. Line is approved by Underwriters Laboratories and features cam action providing maximum discharge rate with minimum travel of operating lever. Entire valve mechanism can be disassembled quickly. Extinguishers have steel shells. Ratings range from 4B:C for the 2½ lb. size to 20B:C for the 30 lb. size. Manufacturer also has complete line of vapo-liquid, carbon-dioxide, cartridge-operated dry-chemical, cartridge water type, soda-acid foam and pump-tank type fire extinguishers.

MFR., General Fire Extinguisher Corp. (formerly the General Detroit Corp.), Box 263, Detroit 32, Mich.

NAVIGATING AIDS and EQUIPMENT



Lights

Importance should be placed on proper navigation lights for anything that moves on the water. The law of the land, and the sea, is very precise in defining a vessel's class and in stating requirements for lights when underway, or even, in certain areas, when at anchor.

In studying the variety of lights offered, the boatman should be sure the lights he chooses will be visible the required distance, or farther, under all conditions of weather and mechanical failure. The most cautious boatman will have oil lamps in reserve in case of battery weakness.

Searchlights

Another valuable, if not legally required, light on a boat is a searchlight. Anyone who has tried to pick up a mooring in a crowded anchorage, or find a berth on a black shoreline or identify a suspicious looking floating object on a dark night, knows the value of a good searchlight. Like the internal combustion engine, which mariners did without for centuries, the searchlight is a valuable asset to modern boating.

Navigation Equipment

The navigation equipment required on each boat will depend upon the waters to be sailed, the size of the boatman's purse, and the amount of fun he wants from the ancient "art of navigation."

The most important single piece of navigation equipment on board is a proper chart of the area. The Coast and Geodetic Survey prints charts and publications (tide and current tables, Coast Pilots, etc.) for U. S. and Territorial waters, and the Navy Hydrographic Office supplies such material for the remainder of the World. Every boatman has a chart agency somewhere in his neighborhood; and for advice you might write the Director, Coast & Geodetic Survey, U. S. Dept. of Commerce, Washington 25, D. C.

Chart reading equipment: dividers, for measuring distances, and parallel rulers, for plotting courses and bearings, are the tools for proper use of a navigation chart.

Next in importance to a chart is the compass, available from pocket size to big ship compasses with quadrantal correctors, flinders bars, heeling magnets, and binnacles as big as an outboard motor. The type of compass, or compasses, required in any boat will be dictated by the size of the boat, the extent of its need, and the accuracy desired by the owner. A peloris for taking bearings, or a bearing compass, may also be a valuable instrument on board.

Binoculars are very useful for identification of buoys, beacons, landmarks, and the action of other boats, while they are still a safe distance off.

A barometer is a must for most boatmen who go more than a few miles offshore. An indication of the trend of atmospheric pressure, rising or falling, is a good key to weather prediction.

The navigator must have a time piece to determine distance run by combining time and speed, to keep track of tides, or for celestial navigation. A wrist watch may do the trick, but a good sized cabin clock is less likely to get wet. A stop watch plus short wave radio for time-ticks may replace the classic chronometer for celestial navigation. But the latter will be cherished by most long distance ocean navigators.

A sextant and appropriate reference tables for celestial navigation will complete the offshore sailor's basic requirements.

But piloting is the biggest problem in navigation, and the homely little lead line, well marked and not too heavy, is one of the most important bits of gear in helping to locate a boat's position in fog, or in exploring an anchorage area.

An electronic depth finder is most helpful too; so is a "speedometer" or Kenyon log.

There are many good radio direction finders on the market, and many experienced boatmen feel that any craft going offshore should be equipped with at least a portable RDF.

A radio telephone can be an aid to navigation too. Besides being a means of practical communication with the home port, and an invaluable piece of emergency equipment, many a boatman has called a passing fishing boat and asked for a position check.

We cover the gamut of navigation aids from the barest necessities to useful luxuries, like loran, radar, and automatic pilots. But the individual boatman will compile his own list of required equipment to suit his needs.

The equipment exhibited in the following pages is POPULAR BOATING's invitation to adventure and safety. Every boatman knows, however, that the absence of any item will not necessarily keep him ashore. Because being a man, and a boatman, he is also by instinct a navigator. — ⚓

NAVIGATION AIDS

D. P. BUSHNELL, INC.

RANGEFINDER

This "Rangescope" portable rangefinder is 14½" long. Magnification, 4.5x; field of view at 1000 yds., 525'. Optical base, 12". Exit pupil, 4.9 mm. Relative brightness, 24. Weight, 35 oz. Gray crackle finish. Carrying case of top-grain Cowhide. Price, $135.

MFR., D. P. Bushnell & Co., Inc., 270 Bushnell Bldg., Pasadena 1, Calif.

ELLIOT CLARKE

PILOT ROLLER

Black anodized aluminum 20" long with soft neoprene rubber tips. Align roller on course, then roll it over center of nearest compass rose and read your heading. Scribed rings equal one mile on the Coast Chart. Price, $4.95.

MFR., Elliot Clarke, Hamburg Cove, Lyme, Conn.

COMMODORE UNIFORM CO.

CHART CARRYING CASE

Plastic, heavy duty with aluminum zipper closure. 36" long, 4" diameter. Price, $2.50.

MFR., Commodore Uniform Co., 349 Broadway, New York 13, N. Y.

CROWELL DESIGNS

RUDDER ANGLE INDICATOR

Consists of receiving and sending units. Receiving unit matches standard marine instruments and is 2¼" in diameter with a heavily chrome-plated brass case. Sending unit is housed in bronze casting and is completely watertight. Available for single and dual stations. Price, $35 to $52.50.

MFR., Crowell Designs Inc., P.O. Box 21, 2106 Bridge Ave., Point Pleasant, N. J.

CROW'S NEST

NUMBERED LEAD LINE

Markers of special Vinylite plastic. Line is Italian hemp.

DIST., The Crow's Nest, 474 5th Ave., New York 17, N. Y.

DISTANCE-OFF CALCULATOR

Gives you yardage to any object whose height is known; distances from 50 yards to 10 miles for objects ranging in height from 10 to 150'. Hold calculator at arm's length, sight and read distance directly. Made of heavy-gauge, noncorrosive aluminum. Price, $1.

DIST., The Crow's Nest, 474 5th Ave., New York 17, N. Y.

DURKEE

WIND INDICATOR

A hand-held model which is compact and easy to read. Two scales, for 0 to 10 mph and 2 to 60 mph. Provided with a self sealing, waterproof plastic case. Price $4.95. Other wind indicators for stationary mounting available.

MFR., Durkee, 29 South St., New York, N. Y.

FREDERICK GOERTZ LTD.

KELVIN & HUGHES BRITANNIA SEXTANT

One of a number of K & H models. Divided from 5° to 1250 on silver arc. Radius, 6½". Reading, to .2 minute by means of micrometer. Index mirror, Class A rectangular 1.9"x1.3". Horizon mirror, Class A rectangular 1.3"x1.8". Shades, neutral tinted. Telescopes, Achromatic Erect Star, magnification 2.5, field 7°, aperture 1.22"; Achromatic Collimating, magnification 5, field 4°, aperture .75". Electric lighting on index arm. Certificate, Kelvin Hughes Class A. Weight, with Achromatic Erect Star Telescope, 4 lb. 2 oz.

DIST., Frederick Goertz, Ltd., Vancouver, B. C.

ROBERT J. GRAY

NEW COURSE RULE

A new course computer and speed-time-distance slide rule all in one sturdy instrument. Eliminates need for jingles and other memory devices when laying courses on the chart. Three concentric compas roses rotate to give, compass, true and magnetic courses visually. Speed, Time, Distance slide rule is located on computer arm for immediate use. Also set for taking bow and beam bearings of objects. Made of heavy vinyl acetate. Length of arm, 22".

MFR., Gray's Course Computer, Robert J. Gray, 23 Jones St., New York 14, N. Y.

GUEST PRODUCTS

WIND INDICATOR

Designed for racing and cruising sailboats. Shows direction of apparent wind on a dial. Price, $265.

MFR., Guest Products Corp., 35-04 30th St., Long Island City 6, N. Y.

GUEST WEATHERCASTER

The dials on the front cover enable you to cast the weather simply, quickly, accurately and completely. Even expected direction and strength of the wind. Price, $3.

MFR., Guest Products Corp., 35-04 30th Street, Long Island City 6, N. Y.

PARALLEL RULER CHARTMASTER

Sliding knee action. Walks across the chart. Length 18". Price, $17.50.

MFR., Guest Products Corp., 35-04 30th St., Long Island City 6, N. Y.

HEATH CO.

RUDDER POSITION INDICATOR

Heathkit model R1-1 in kit form is calibrated to record rudder angle 60 degrees port and starboard of the midships position. Operates on 6 or 12 volt systems. Kit includes chrome-plated brass panel, wire wound potentiometer, sealed water-tight meter with D'Arsonval movement, and 23' of three-conductor cable for connection between transmitter and receiver. Position receiver dimensions are 3¼" x3¾"x2⅜". Price, $14.95.

MFR., Heath Company, Benton Harbor, Mich.

INLAND WATERWAY GUIDE

WATERWAY GUIDES

A complete guide for the cruising man, to the Inland Waterways of the United States. Southern, Northern, Great Lakes and Gulf editions. Price, $1.50 per edition. Northern and Southern editions bound together in leatherette, $5. Your name or name of boat in gold, $1.

PUBL., Inland Waterway Guide, 25 West Broward Blvd., Ft. Lauderdale, Fla.

SOUTH COAST CO.

RUBBER YACHT TIMER CASE

A shock-absorbing case to protect timer from jarring or moisture. Will fit standard sizes of stop watches or yacht timers. Black rubber. Weight 1 oz.

MFR., South Coast Co., Newport Blvd. & 23rd St., Newport Beach, Calif.

TELO CO.

GYRO-WINDFEATHER

Windfeather is designed for spar top mounting, is used for accurate wind indication on any angle of heel. Uses single ball bearing. All parts are chrome plated brass. Bright red pheasant tail is used as a vane. Price, $5.95.

MFR., Telo Co., 1367 Vulcan St., El Cajon, Calif.

TROPICAL MARINE

WINDETECTOR

A mast head fly and wind direction indicator for sailboats that responds to lightest or heaviest winds and will operate at any angle of heel. Red vinyl plastic, monel rod and metal mounting base. Completely weatherproof; fits all mastheads. 14½" long, 6" high, weighs 2 ounces.

MFR., Tropical Marine Products, Box 344, Delray Beach, Fla.

WEEMS SYSTEM OF NAVIGATION

DUNLAP CHART MEASURER

Designed with special scales for use on Coast & Harbor Charts of the U. S. Coast & Geodetic Survey. This is a precision instrument, made in Germany, all metal with no plastic parts to wear or warp. Two scales on each side. Price, $2.95.

WEEMS PARALINE PLOTTER

Designed scales at 1:20,000—1:40,000—1:80,000 to fit U. S. Coast & Geodetic Survey Coast & Harbor charts. Price, $4.50.

DIST., Weems System of Navigation, 229 Prince George St., Annapolis, Md.

HOEY PLOTTER

Plotter for the yachtsman big enough for almost any chart work but small enough for use in the restricted space available on many small boats. Made to U. S. Navy specifications of heavy, transparent plastic. 4" radius protractor scale divided to ½°. 12" rotating arm can be clamped in any position. Arm has beveled edge roughened to take pencil marks for measuring distances. Price, $5.

MFR., Weems System of Navigation, 229 Prince George St., Annapolis, Md.

BROWN NASSAU SPHERICAL COMPUTER

This computer provides a graphic method of working out sights. One setting gives altitude, a second setting azimuth. It has additional uses in star identification and great circles sailing. Results can be read to 5° of arc or less. Made of plastic. Size, 11"x12". Price, $35.

MFR., Weems System of Navigation, 229 Prince George St., Annapolis, Md.

CELESTIAL COORDINATOR

The coordinator gives both the horizon and equinoctial systems of celestial coordinates and shows the relation between the two systems. It gives a graphic picture of the navigational triangle and the elements used in its solution. It quickly solves any spherical triangle to an accuracy of ½ degree. This gives practical values for many purposes such as azimuth, star identification and time of sunrise and sunset and affords a ready, rough, check on computed values of

such items as altitude and latitude by meridian altitude. One side has an orthographic projection giving a large scale near the center, the other side a stereographic projection giving a large scale toward the edges. Made of plastic, 8½" by 9" overall, Price, $5.

MFR., Weems System of Navigation, 227 Prince George St., Annapolis, Md.

PROPORTIONAL DIVIDERS
A different speed-time-distance computer with the unique advantage that distance, picked off the chart between divider points, can be immediately converted to the unknown speed or time. Speeds of 6 to 600 in mph or knots, hence equally applicable to air or marine navigation. Can also be used as a regular draftsman's proportional divider. Price, 6" $12; 8" $16.

DIST., Weems System of Navigation, 227 Prince George St., Annapolis, Md.

MARK I, MOD. O. MARINE PLOTTING BOARD
For current problems, relative movement problems, or any other problems involving the use of vectors. It has been found to be especially helpful in radar plotting and is widely used for this purpose. It carries a circular slide rule for solving speed-time-distance problems or any others involving multiplication, division or proportion. Other features are a radial arm, a straight edge with distance scales and table giving yards covered in different times at various speeds. Made of plastic. Overall dimensions: 12¾"x15½". Price, $12.

MFR., Weems System of Navigation, 227 Prince George St., Annapolis, Md.

WSN SPEED-TIME-DISTANCE CALCULATOR
Solves speed-time-distance problems very quickly. Simply align a straight-edge with the two given quantities on the calculator and read the answer. Made of transparent plastic. Inch scales on edges, one in tenths and the other in sixteenths. 12" long. Price, $1.

MFR., Weems System of Navigation, 227 Prince George St., Annapolis, Md.

NAUTICAL SLIDE RULE
For solution of all speed-time-distance problems. Equally applicable to nautical or statute miles. Speed is given in knots or m.p.h., time in hours, minutes or seconds, and distance in nautical or statute miles (or yards if desired and if speed is in knots). The size (8" square), the material (white vinylite) and good workmanship combine to give it great ease of reading and a high degree of accuracy. Price, $5.

MFR., Weems System of Navigation, 227 Prince George St., Annapolis, Md.

WEEMS & PLATH, INC.

PLATH MARINE SEXTANT
The mirrors are coated with a protective paint which preserves the silver from humidity. For daytime observations sun shades of varying intensity are provided which make it possible to dim or black out the image according to requirements. Furnished complete with adjustment key, brush, certificate, mahogany carrying case and telescope. Prices vary with the type telescope desired. Price, $250.

DIST., Weems & Plath Inc., 229 Prince George St. Annapolis, Md.

LIGHTS

ALLAN MARINE, INC.

STERN LIGHT
Stern light operated by flashlight batteries and constructed of chrome plated brass. Beehive lens and sliding-height adjustable staff. Price, $3.75.

MFR., Allan Marine Inc., Hicksville, L. I., N. Y.

ARNOLT CORP.

ARNOLT IVALITE SEARCHLIGHTS
Operating on 6 or 12 volts, these chromium plated models have lens diameters ranging from 4½" to 7" and a base diameter of 3¼". They draw from 30 to 100 watts, have from 60,000 to 115,000 candlepower, and a range of from ¼ to 1 mile. Special features include 360 degree rotation sealed beam bulbs, remote and direct control. They are priced from $62.95 to $148.95.

MFR., Arnolt Corp., Argonne Rd., Warsaw, Ind.

BRITISH MARINE PROD.

RAFT OR LIFE BUOY LIGHT
Self-igniting electric raft or life buoy light. When this light is jettisoned, it rights itself as it hits the water and lights automatically with a white light. A ring is provided for attaching to life buoy or raft. When in normal storage position, the Eascolyte is held downwards and inoperative, ready for action. Comes with three standard leakproof batteries and long-life bulb. Dimensions: 13¾" long x 5½" greatest diameter.

MFR., British Marine Products, Ltd., 80 Shore Road, Port Washington, N. Y.

BURGESS BATTERY CO.

TW3
No. TW3 Burgess Radar-Lite deluxe model with 40,000 candlepower sealed beam spotlight unit and red flashing beacon. Heavy electro-plated chrome finish. Weatherproof, silver contact switch assures positive action. Comes complete with TW1 battery which can be installed as easy as putting the cap on a toothpaste tube. Price, $12.40 each, retail.

MFR., Burgess Battery Co., Foot of Exchange, Freeport, Ill.

RADAR-LAMP
This lamp sheds a brilliant light to illuminate a wide area, and comes complete with TW1 battery which can be installed quickly. It may be carried or hung with no danger of fire or explosion. Price, $8.95.

MFR., Burgess Battery Co., Foot of Exchange, Freeport, Ill.

CARPENTER MFG. CO.

CARPENTER SEARCHLIGHTS TYPES 1011, 1008, 1028, 106 & 116
These models operate on 6 to 32 volts and have lens diameters ranging from 6" to 11", with base diameters from 4" to 7". They draw 42 watts, have 60,000 candlepower and a range of from 1 to 2 miles. Available in polished brass and chrome. Models priced at $140, $67.50 and $40 have inside control levers; model priced at $45 has deck control, and $36 model has Push-and-Pull Underdeck control.

MFR., Carpenter Mfg. Co., Boston-45, Somerville, Mass.

CARPENTER TYPE F-5 PORTABLE HAND SEARCHLIGHT
This portable hand model is battery-operated and has lens diameter of 6". It draws 12 watts and has 50 candlepower and a range of 1 mile. It is available in aluminum and is priced at $18, plus $5 for battery.

MFR., Carpenter Mfg. Co., Boston-45, Somerville, Mass.

WATCHMASTER
Emergency illumination when 110/120 volt AC lighting current fails. A self-contained battery in the unit is plugged in to 110/120 volt line; when current on that line fails, Watchmaster lights come on and continue for several hours depending upon number of lights. Available in various sizes, with different types of beams.

MFR., Carpenter Manufacturing Co., Boston 45, Somerville, Mass.

HERTVY CO., INC.

BLINKER LAMP
A flashing kerosene lamp that gives out 50 to 70 attention-attracting flashes per minute. For emergency use of all kinds. Burns 50 consecutive hours on one 8 oz. filling. Flashes red one side, white the other. Fitting provided for chaining against theft. 16" high. Weight 3 lbs. Price, $7.95.

MFR., Hertvy Company, Inc., 210 Fifth Ave., Penthouse, New York 10, N. Y.

MORSE INSTRUMENT CO.

MORSE DOCKING LIGHT
Below deck flush mounted light, equipped with sealed beam light source, used when making night landings, searching, avoiding debris, pilings, or following channel markings.

MFR., The Morse Instrument Co., 28 Clinton St., Hudson, Ohio.

THE PORTABLE LIGHT CO.

MARINE SEARCHLIGHTS
Complete line of "Half-Mile-Ray" and "One-Mile-Ray" marine searchlights include models for both large and small craft, with ranges from 5" to 30". Also included are remote control searchlights, designed for small flying bridge cruisers, a windshield mounting searchlight for runabouts, and a revolving beacon for piers.

MFR., The Portable Light Co., Inc., 216 William St., New York 38, N. Y.

TWIN BEAM SEARCHLIGHT
Light is supplied with cabin control mounting. Can be supplied with one searchlight bulb and one floodlight bulb. Bulbs can be operated either separately or together to give whatever type of illumination required.

MFR., Portable Light Co., 216 William St., New York 38, N. Y.

GUNWALE MOUNT SEARCHLIGHT
Searchlight is a gunwale mounting unit for runabouts. It has a bent bracket so it can be adjusted to clear the windshield, and can be raised or lowered as desired.

MFR., Portable Light Co., 216 William St., New York 38, N. Y.

PERKINS MARINE HARDWARE

PERKO LIGHTS
Noted not only for a very extensive line marine navigation lights, spotlights, cabin fixtures, and electrical equipment in sizes suitable for rowboats up to and including ocean liners, this company also makes a complete line of marine hardware and fittings for the boatman. Catalog $1.

MFR., Perkins Marine Lamp & Hardware Co., 1940 Pitkin Ave., Brooklyn 7, N.Y.

FLAG POLE LIGHT
1958 Perko streamlined adjustable flag pole light has high intensity fresnel globe and flag fastening feature. Combination bow light with flag pole

socket and patented Perko rebulbing feature is also available in models for small boats and runabouts, and for cruisers.

MFR., Perkins Marine Lamp & Hardware Corp., Pitkin Ave., Brooklyn 7, N. Y.

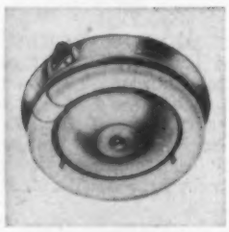
SEA DART, INC.

NEWPORT STERN LIGHT

A telescoping stern light with a non-breakable plastic lens, all metal parts triple chrome plated; in three sizes: 18", 24" and 30" which telescope to 5" for stowing. A cast-in eye socket makes the light a pennant holder. Light is complete with socket, wiring, male and female cord connectors, and fits both 6v and 12v circuits.

MFR., Sea Dart, Inc., 4734 N. Albina, Portland, Ore.

TERADO CO.

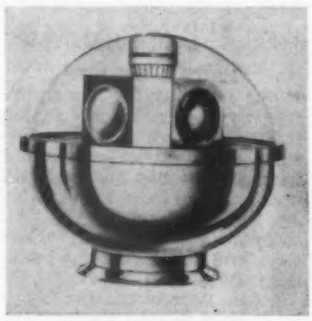


TERADO ROV-A-LITE

A battery operated fluorescent light for 6, 12, and 32 volt systems available in a circular overhead fixture with a 22 watt tube and a bulkhead fixture with an 8 watt tube. Operates on 110-volt dockside current.

MFR., Terado Co., 1068 Raymond Ave., St. Paul 14, Minn.

TRIPPE MFG. CO.



REVOLVING LIGHT

360° revolving ball 9½" diameter flashes in rapid succession series of colored flashes. Can be used as identifying light for boat docks or wherever desired to give warning or attract attention. Operates on standard 115/130 v current.

MFR., Trippe Mfg. Co., 133 N. Jefferson St., Chicago 6, Ill.

U-C-LITE MFG. CO.

BIG BEAM LIGHTS

Portable Electric Hand Lamps, Flares and Beacon Lights.

MFR., U-C-Lite Mfg. Co., 1050 W. Hubbard St., Chicago, Ill.

UNITY MFG. CO.

UNITY SPOTLIGHTS

These chrome plated (brass) lights have 6½" size numbers. They are available in different models to operate on 6 v to 32 v, and draw from 30 to 150 watts. Each has lens diameter of 5.7". Models have from 85,000 to 100,000 candlepower, and a range of from 4 to 5 miles. They are priced from $21 to $23.10.

MFR., Unity Mfg. Co., 2909 Indiana Ave., Chicago, Ill.

UNITY PORTABLE SEARCHLIGHTS

These chrome plated (brass and zinc) lights have 5½" and 6½" sizes nos. They are available in different models to operate on from 6 v to 110 v, and to draw from 30 to 200 watts. They have lens diameter of 4.5" to 5.7" and a base diameter of 5.5". Models have from 35,000 to 100,000 candlepower and a range of from 4 to 6 miles. Price, 4.5" models, $8.40 to $8.75; 5.7" models, $14.95.

MFR., Unity Manufacturing Co., 2909 Indiana Ave., Chicago 16, Ill.

UNITY ROOF SPOTLIGHTS

These chrome plated (brass) lights have 6½" size no. They are available in different models to operate on from 6 v to 32 v, and draw from 30 to 150 watts. Each has lens diameter of 5.7" and a base diameter of 3". Models have from 85,000 to 100,000 candlepower, and a range of from 4 to 5 miles. They are priced from $23 to $26.50.

MFR., Unity Mfg. Co., 2909 Indiana Ave., Chicago 16, Illinois.

UNITY BATTERY SPOTLIGHTS (PORTABLE)

These come in two painted (brass) models. The 5½" size number operates on 6 v, draws 2 watts and has a lens diameter of 4.5", 5,500 candlepower and a range of ½ mile. The 6½" size number operates on 9 v, draws 14 watts and has a lens diameter of 5.7", 50,000 candlepower and a range of 1 mile. They are priced at $8.25, less battery.

MFR., Unity Mfg. Co., 2909 Indiana Ave., Chicago, Ill.

UNITY WARNING LIGHTS (RED)

These come in two models, each of chrome plated (brass) with 6½" size number. One uses 6 v, the other 12 v. Both draw 30 watts, have a lens diameter of 5.7", base diameter of 3", 9500 candlepower, and range of a ½ mile. Priced at $17 and $17.50.

MFR., Unity Mfg. Co., 2909 Indiana Ave., Chicago, Ill.

UNITY DECK LIGHTS

These chrome plated (brass) lights have 6½" size no. They are available in different models to operate on from 6 v to 32 v, and to draw from 30 to 150 watts. Each has a lens diameter of 5.7" and a base diameter of 3". Models have from 95,000 to 100,000 candlepower, and a range of from 4 to 5 miles. Prices are from $17 to $20.

MFR., Unity Mfg. Co., 2909 Indiana Ave., Chicago 16, Illinois.

WILCOX-CRITTENDEN

WING TIP LIGHTS

Designed for flush mounting. Left to right: Bow Light, Range or Anchor Light, Stern Light. Available in plain or polished bronze or chromium plated. Equipped with bayonette base D.C. sockets for 6, 12, or 32 v systems. Supplied with water tight vinyl socket boot. They are among a great number of W-C lighting and general marine hardware products.

MFR., Wilcox-Crittenden, Div. North & Judd Mfg. Co., Middletown, Conn.

HORNS & SIRENS

AUTO-MATIC PRODUCTS

AUTO-MATIC MARINE SIREN MODEL OA-3

Designed for installation on outboards and small cruisers, this model is made for both 6 v and 12 v operation. Dimensions: 8"x4½"x5¾"; net weight, 5 lbs. List price, $35.

MFR., Auto-Matic Products Co., Chicago 16, Ill.

BUELL MFR. CO.

BUELL MARINE HORNS

Line includes Buell-Strombos chrome air horns ranging in length from 10" to 18"; a new LP-1 horn with overall length of 16½" and pump length of 12½". LP-1 weight 4 lbs., unit and bell is in brass; also a B-54 hand-operated horn and others. Price: Buell-Strombos range from $36.50 to $44; Lp-1 is $37 in chrome; B-54 is $59.50.

MFR., Buell Manufacturing Co., 919 West 49th Place, Chicago 9, Ill.

CLARK-COOPER CO.

AIR HORNS

Air horns, steam horns, electric driven air horns, sirens, whistles and whistle controls. Also all controls associated with air horns and signal systems.

MFR., Clark-Cooper Co., Inc., Palmyra, N. J.

FALCON ALARM CO.

MODEL BB-44

Extremely loud horn of medium tone for hand or deck-mounting on larger craft. Easy to handle and stow. Price, $35.

MFR., Falcon Alarm Co., Inc., 243 Broad St., Summit, N. J.

DECK MOUNTING KIT

Provides all elements necessary to mount permanently any of the six Falcon horn models through-the-deck. Includes deck mount, choke button, tubing, mounting bracket for can, electric solenoid valve and all necessary fittings. Prices from $7 to $20.

MFR., Falcon Alarm Co., Inc., 243 Broad St., Summit, N. J.

BOAT HORN MODEL U-8

Utility Freon horn is plated, has loud, medium-pitch blast. Approximately 8" high, including power can; horn approximately 5" long. Price, $11.95.

MFR., Falcon Alarm Co., Inc., 243 Broad St., Summit, N. J.

BOAT HORN MODEL F-18

Features loud, medium pitch blast, ideal for smaller boats. Chromed horn has new engineering throughout. Approximately 8 high, including power can; horn approximately 5" long. Price, $15.95.

MFR., Falcon Alarm Co., Inc., 243 Broad St., Summit, N. J.

BIG BERTHA MODEL BB-28

Ideal for deck mounting, yet small enough for hand use, this horn gives a bass note of great volume for its size. Price, $19.95.

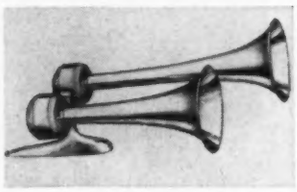
MFR., Falcon Alarm Co., Inc., 243 Broad St., Summit, N. J.

DUAL-TONE HORN MODEL DT-58

Combines Models F-18 and BB-28 horns manifolded together to give distinctive dual note. Chromed. Price, $34.95.

MFR., Falcon Alarm Co., Inc., 243 Broad St., Summit, N. J.

FERRELL MFG. CO.



SHIP-N-SHORE SEACRUISER

A new twin horn combination, 8" and 10½" trumpets, of all metal, chrome plated construction. The manufacturers state that the freon "Energy Pak" power supply provides over 300 normal signals audible at a distance of 3 to 4 miles.

MFR., Ferrell Mfg. Co., Groton, N. Y.

GUEST PRODUCTS CORP.

GUEST FOG HORNS

Freon operated. Dimensions and prices: Utility Signal Horn, 4½"x7¾"x2⅜", $11.95. Deluxe Signal Horn, 4½"x7¾" x2⅜", $15.95. Guest Fog Master, 7¾"x8¼"x3⅜", $19.95. Dual Tone Fog Master, 7¾"x8¼"x 6", $34.95. Replacement cylinder of freon, $1.95.

MFR., Guest Products Corp., 35-04 30th St., Long Island City 6, N. Y.

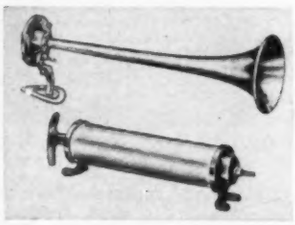
PERKINS MARINE HARDWARE

SEA HORN

One from a great number of Perko hardware products in all sizes. Operated by Freon gas in container attached to horn, operated by valve accessible to hand. Contains enough Freon to blow horn about 200 times at short intervals before needing replacement. Horn and accompanying section all die cast Zamak, polished and chromium plated. Replacement cans of Freon are readily available.

MFR., Perkins Marine Lamp and Hardware Corp., 1943 Pitkin Ave., Brooklyn, N. Y.

PORTABLE LIGHT CO.



RAY-LINE NO. 90

Brass throughout, this model has adjustable mounting and is 20" long with 23" pump. Weight, 9 lbs. Price, $60.

MFR., The Portable Light Co., Inc., 216 William St., New York 33, N. Y.

PORTABLE LIGHT SIRENS

These models come in copper and bronze and have dimensions ranging from 8"x5½"x 4½" to 12¼"x7¾"x5½". Weights range from 3½ to 15½ lbs. Price: 2 to 12.24 v, $35; 6 to 110 v, $66; 6 to 32 v, $66.

MFR., The Portable Light Co., Inc., 216 William St., New York 33, N. Y.

SEABRIGHT MARINE

BOAT AND SHIP BELLS

Custom-manufactured boat and ship bells, cast and polished to specification. Prices vary.

MFR., Seabright Marine Hardware, 1630 Superior, Costa Mesa, Calif.

RADIO TELEPHONES

ANDREA RADIO CORP.

SPACEMASTER PORTABLE RADIO

Nine band receiver, including a 2000-750 meter navigation band for beacon signals, as well as RDF, ship-to-ship, and ship-to-shore, plus other bands for weather reports, including standard broadcast and continuous short-wave coverage from 150 to 13.8 meters. One of four antennas available is a rotating loop over a compass card that acts as a built-in direction finder for navigation purposes. Available in suntan brown, charcoal gray and antique white colors. Price, $169.95. Batteries $10.00 extra.

MFR., Andrea Radio Corp., 2701 Bridge Plaza N, Long Island City 1, N. Y.

APPLIED ELECTRONICS CO.

APPLIED ELECTRONICS MODEL AE-16

5 channel radio telephone, plus standard broadcast. Frequency range, 2000 to 3000 kc. Final amplifier input, 16 watts. Dimensions: 7"x12"x10", weighs 22 lbs. Is stationary and operates on 6 v and 12 v DC. Can be bulkhead mounted and is designed for "do-it-yourself" installation. Pre-aligned and tuned at factory, it comes as complete package with antenna, mounts, crystals, battery cables and antenna lead in. Price, $275.

MFR., Applied Electronics Co., Inc., 213 E. Grand Ave., So. San Francisco, Calif.

APPLIED ELECTRONICS MODEL AE-42A

6 channel radio telephone, plus standard broadcast. Frequency range 2000 to 6000 kc. Final amplifier input, 45 watts. Dimensions: 8⅜"x13½"x11½" weighs 24 lbs. Is stationary and operates on 6 v, 12 v and 32 v DC. Can be bulkhead mounted, and has remote control unit available. Special features: Low Harmonic Radiation. Price, $422. Accessories: Remote control unit (non-channel changing), $78.

MFR., Applied Electronics Co., Inc., 213 E. Grand Ave., So. San Francisco, Calif.

APPLIED ELECTRONICS MODEL AE-110M

8 channel radio telephone, plus standard broadcast. Frequency range, 2000 to 6000 kc. Final amplifier input, 115 watts. Dimensions: 8⅜"x16¼"x12¾", weighs 35 lbs. Is stationary and operates on 12 v, 32 v, 110 v DC and 115 v AC. Can be bulkhead mounted and remote control unit is available. Special features: "Modulation Monitor", 3000 cycle audio filter, Low Harmonic Radiation. Price, $696.

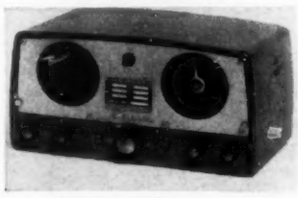
MFR., Applied Electronics Co., Inc., 213 E. Grand Ave., So. San Francisco, Calif.

APPLIED ELECTRONICS MODEL AE-190AM

10 channel radio telephone. Frequency range 2000 to 6000 kc. Final amplifier input, 240 watts. Dimensions: 22½"x19½" x11½", weighs 62 lbs. Is stationary and operates on 32 v, 110 v, 220 v DC and 115 v AC. Can be bulkhead mounted and remote control unit is available. Special features: Modulation limiter, 3000 cycle audio filter, low harmonic radiation, automatic power reduction to 150 watts on ship-to-ship channels. Price, $1,156.

MFR., Applied Electronics Co., Inc., 213 E. Grand Ave., So. San Francisco, Calif.

PACIFIC DIV., BENDIX AVIATION CORP.



SKIPPER 28 & 42

Stationary radiotelephone has 6 channels and frequency range of 1600 to 5000 kilocycles. Remote control is available for the unit, which is 8"x16"x10½". Features include transmitter standby switch, modulation limiter, automatic band spread control and all-aluminum construction. The Skipper 28 has a final amplifier input of 33 watts, weighs 34 lbs. and operates on 6 and 12 volts DC. Skipper 42 has final amplifier input of 50 watts, weighs 34 lbs. and operates on 6, 12 and 32 volts DC. Price, Skipper 28, $365; Skipper 42, $475. Also available are remote control unit, $105, and power megaphone, $42.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

MATE & COMMANDER TRANSMITTERS

Have 8 channels, with frequency range of 1600 to 9000 kc. Stationary transmitters can be bulkhead mounted and feature stabilized frequency, dynamotor power supplies, break-in cable, meters for indication of output power and modulations, as well as grid and plate current readings, and modulation control. Mate has final amplifier input of 65 watts, and operates on 12, 32 and 110 volts DC, and 110 volts AC. It is 10"x13"x13". Commander has final amplifier input of 100 watts, and operates on 32 and 110 volts DC, and 110 volts AC. It is 12¾"x13"x13". Mate weighs 39 lbs., Commander, 44 lbs. Prices: Mate, $545 for 12, 32 and 110 volts DC, $645 for 110 volts AC; Commander, $765 for 32 and 110 volts DC, and $865 for 110 volts AC. Can be supplied with phone and C.W. operation, $50.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

SKIPPER 70 & 120

Stationary radio telephone has 8 channels and frequency range of 1600 to 5000 kilocycles. Features include transmitter standby switch, modulation limiter, automatic bandwidth control, all-aluminum construction and squelch control. Remote control is available for radio, which is 9"x18" x11¾". Skipper 70 has final amplifier input of 70 watts and weighs 43 lbs. Skipper 120 has final amplifier input of 120 watts and weighs 44 lbs. Both models operate on 12, 32 and 110 volts DC, and 110 volts AC. Prices, Skipper 70, $650; Skipper 120, $740. Also available are remote control unit, $105, and power megaphone, $42.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

BLUDWORTH MARINE

ELECTRONIC AIDS

Bludworth Marine electronic aids for the boat-man also include a complete line of radiotelephones, starting with the "Communicator", a 4-channel, tunable receiver at $265. Small boat radar, stress and trim finder and the Kearfott Gyro-Guide Directional Gyro Compass are also available.

MFR., Bludworth Marine, 92 Gold St., New York 38, N. Y.

ES 130 PORTABLE

A portable, recording, survey-type depth recorder with a new narrow beam single transducer. Operates on 6 or 12 volt DC and 115 volt AC. Dimensions 15⅝"x16¼"x8¾". Frequency range 200 to 220 kc. Records depths from 2' to 245' in four scales on recording paper wound on 75' spools. Accuracy of ½ of 1% when operated at normal battery voltages. Features thru-hull or hand-held over-the-side trans-

ducer. Easy access to change paper without exposure to dangerous voltages, and draft adjustment. Variable frequency power supply and normal spares available.

MFR., Bludworth Marine, 92 Gold Street, New York 38, N. Y.

CENTRAL ELECTRONICS

MARINE MONITOR

A new portable low-priced marine monitoring unit for outboards or small cruisers. The set covers the 2000 to 3000 kilocycle bands affording reception of the marine radio-phone channels, ship to ship, Coast Guard, weather, and ship-to-shore frequencies. The unit uses a moisture-resistant printed circuit, 2 stage IF amplification, built-in ferrite antenna and superheterodyne circuits. Powered by one 90 and one 1½ volt standard dry cell. Battery life is more than 150 hrs. Price, $29.95.

MFR., Central Electronics Corp., 6013 Ackley Road, Cleveland 29, Ohio.

GENERAL DEVELOPMENT CORP.

15 F

2 Mc marine band, 3 channels. Available for either 6 v or 12 v DC. Final amplifier input 15 watts. Dimensions: 6"x10½"x 7½", weighs 17 lbs. Can be bulkhead mounted. Stationary only. Contains full range broadcast band as well as three (3) transmit-receive marine channels. Comes complete with microphone, distress and small ship crystals. Ship to shore crystals at extra cost. Price, $260. Special .005% crystals, $7.50 each, extra.

MFR., General Development Corp., Mackall St., Elkton, Md.

15 P

2 Mc marine band, 3 channels. Operates on 6 v DC (self-contained rechargeable battery). Final amplifier input 15 watts. Dimensions: 11½"x10½"x7½", weighs 32 lbs. Can be used as portable or stationary. Contains its own power supply battery, antenna and other necessary operating controls. Contains full range broadcast band as well as three (3) transmit-receive marine channels. Provisions made to attach regular high type fixed ship antenna if desired. Comes complete with microphone, distress and small ship crystals. Ship to shore crystals at extra cost. Price, $285. Special .005% crystals $7.50 each.

MFR., General Development Corp., Mackall St., Elkton, Md.

35F

2 Mc marine band, 4 channels. Available for either 6 v or 12 v DC. Final amplifier input 35 watts. Dimensions: 7½"x14"x 7¼", weighs 21 lbs. Can be bulkhead mounted. Stationary only. Contains full range broadcast band as well as four (4) transmit-receive marine channels. Comes complete with handset, distress and small ship crystals. Ship to shore crystals at extra cost. Price, $345. Special .005% crystals, $7.50 each, extra.

MFR., General Development Corp., Mackall St., Elkton, Md.

35P

2 Mc marine band, 4 channels. Operates on 6 v DC (self-contained rechargeable battery). Final amplifier input 35 watts. Dimensions: 11½"x10½"x7½", weighs 35 lbs. Can be used as portable and stationary. Contains its own power supply, battery, antenna and other necessary operating controls. Contains full range broadcast band as well as four (4) transmit-receive marine channels. Provisions made to attach regular high type fixed ship antenna if desired. Power conserving high-low switch allowing transmitting on either 15 or 35 watts R.F. Power. Comes complete with handset, distress and small ship crystals. Ship to shore or special crystals at extra cost. Price, $375. Special crystals, .005% at $7.50 each, extra.

MFR., General Development Corp., Mackall St., Elkton, Md.

GRAY RADIO CO., INC.

GRAY-SIXTY

Frequency range 2000-3500 kilocycles, 7 channels. Operates on 6 and 12 volts DC. Final amplifier input 60 watts. Dimensions: 16"x8"x5⅜", weighs 28 lbs. Can be bulkhead mounted. Fiberglass cabinet. Designed for outboard cruisers and small runabouts. Has broadcast band. Price, $525.00. Remote control unit $30 extra.

MFR., Gray Radio Co., Inc., 501 Forest Hill Blvd., West Palm Beach, Fla.

HEATH CO.

PORTABLE RADIO KIT

Heathkit AM transistor portable kit model XR-1, contains 6 Texas Instrument transistors, a 4"x6" PM speaker, 6 standard size "D" flashlight cells, prealigned transformers, built-in rod-type antenna, gray cabinet 9"x8"x3¾" with gold anodized metal speaker grille. Price $34.95.

MFR., Heath Company, Benton Harbor, Mich.

HUDSON ENGINEERING

CORSAIR IV

Marine radiotelephone for use on small and medium sized craft. Meets all F.C.C. regulations governing marine radiotelephones. Combines ship-to-ship, ship-to-shore telephone, Coast Guard emergency, and broadcast bands in six pretuned frequencies, and is rated at 40 watts.

MFR., Hudson American, 25 W. 43rd St., New York 36, N. Y.

KAAR ENGINEERING CORP.

KAAR 37

5 channel radio telephone. Frequency range 2000 to 4500 kilocycles. Operates on 6 and 12 volts DC. Final amplifier input 40 watts. Dimensions: 9"x15"x10½". Weighs 25 lbs. Can be bulkhead mounted. Has broadcast band. Price, $297. Remote control unit with handset costs $81.

IMP

VHF short range radio telephone. Frequency range 118 to 174 megacycles. Final amplifier input 3 watts. Operates on 6 and 12 volts DC and on 117 volts AC. Can be used as portable, with storage battery. Price, $360.

MFR., Kaar Engineering Corp., 2995 Middlefield Rd., Palo Alto, Calif.

KAAR 222

Radiotelephone with 9 channels. Frequency range 1600 to 8500 kilocycles. Operates on 12, 32, and 110 volts DC and on 117 volts AC. Final amplifier input 150 watts. Dimensions: 19¼"x14¼"x8¾", weighs 58 lbs. Can be bulkhead mounted. Remote control unit is available. Speech clipping, anti-fade squelch, noise silencer. Price, $945.

MFR., Kaar Engineering Corp., 2995 Middlefield Rd., Palo Alto, Calif.

KAAR 242

Radio telephone with 6 channels. Frequency range 1600 to 6500 kilocycles. Operates on 12 and 32 volts AC and on 117 volts AC. Final amplifier input 100 watts. Dimensions: 17"x 12½"x8", weighs 53 lbs. Can be bulkhead mounted. Remote control unit is available. Speech clipper, squelch, and noise silencer. Price, $648. Remote control unit with handset costs $81.

MFR., Kaar Engineering Corp., 2995 Middlefield Rd., Palo Alto, Calif.

MICRO-LAB INDUSTRIES

MARCO MTR-25

Radiotelephone designed for larger runabouts and small cruisers. Price, $280, includes power supply and crystals for two channels.

MFR., Micro-Lab Industries, Inc., P.O. Box 977, Anderson, Ind.

MARCO MONITOR 12A

Monitor receiver does not use power supply, operates direct from 12-volt battery, with 1.95 amps drain from battery. Three channel receiver includes 2182KC band. Price, $79.95. Also available in single channel (2182KC) model, $69.95. Monitors for six and 32-volt battery operation also available.

MFR., Micro-Lab Industries, Inc., P.O. Box 977, Anderson, Ind.

MARCO MTR-15

Radiotelephone is designed for use on outboard runabouts and small cruisers. Size is 5"x7"x 5½", with separate vibrator power supply. Price, including power supply, $150.

MFR., Micro-Lab Industries, Inc., P.O. Box 977, Anderson, Ind.

MARCO MTR-50

Designed for larger boats and cruisers, this radio telephone is supplied with power supply and crystals for two channels. Price, $375.

MFR., Micro-Lab Industries, Inc., P.O. Box 977, Anderson, Ind.

MUNSTON MFG. & SERVICE, INC.

MRT-30

Stationary radiotelephone has 6 channels and frequency range of 2000 to 4500 kc. Final amplifier input is 30 watts. Unit operates on 6 and 12 volts DC. Dimensions are 7¾"x14¼" x7¾", weight 22 lbs. Features include broadcast band reception, transmit filament stand by switch, and wiring for power megaphone attachment. Re-

mote control unit available. Price, $334.95. Available accessories include crystals, $12 per channel, and hand set, $29.50.

MFR., Munston Manufacturing And Service, Inc., Beech Street, Islip, N. Y.

MRT-65

Stationary radiotelephone has 5 channels and frequency range of 2000 to 4500 kc. Final amplifier input is 65 watts, and model operates on 12 and 32 volts DC. Features include broadcast band reception and transmit filament stand by switch. Remote control unit is available. Dimensions are 8 7/16" x 15½" x 10½", weight is 40 lbs. Price, $500, approximately. Accessories are crystals, $12 per channel, and handset, $29.50.

MFR., Munston Manufacturing And Service, Inc., Beech Street, Islip, N. Y.

MRT-135

Stationary radiotelephone has 8 channels, and frequency range of 2000 to 4500 kc. Final amplifier input is 135 watts. Model operates on 12 and 32 volts DC. Dimensions are 8⅝" x16¼"x10½", weight, 45 lbs. Features broadcast band reception and transmit filament stand by switch. Remote control unit is available. Price, $595. Accessories include crystals, $12 per channel, and hand set, $29.50.

MFR., Munston Manufacturing And Service, Inc., Beech Street, Islip, N. Y.

PEARCE-SIMPSON, INC.

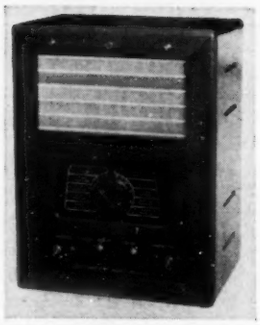
ATLANTIC 70

9"x15½"x11¼", weight, 38 lbs. Stationary radiotelephone has 5 channels, frequency range of 2000 to 6000 kc, and final amplifier input of 70 watts. Operates on 12 and 32 volts DC, and features separate power supply, molded fiberglass cabinet and removable cover for simplified service and accurate tuning, without detuning effects. 12 months' warranty. Price, $595. Also available: remote control unit, $65; crystals, $15 pair, and complete antenna, $88.50.

MFR., Pearce-Simpson, Inc., 3023 Coral Way, Miami 45, Fla.

MODEL M-7

20"x14"x11½", weight, 100 lbs. Stationary radiotelephone has 10 channels, frequency range



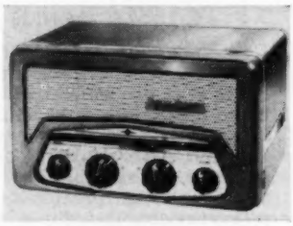
of 2000 to 6000 kc, and final amplifier input of 150 watts. Operates on 32 and 110 volts DC, and 110 volts AC. Remote control unit available. Features separate power supply and cabinets custom-designed in mahogany, teak, cordova and korina. 12 months' warranty. Price, $1,500. Available accessories include remote control, including channel selection, $200; crystals, $15 per pair, and Tiare antenna with hardware, $88.50.

MFR., Pearce-Simpson, Inc., 3023 Coral Way, Miami 45, Fla.

CARIB 13 O-A

15"x11"x10", weight, 53 lbs. Stationary radiotelephone has 8 channels, frequency range of 2000 to 6000 kc, and final amplifier input of 130 watts. Operates on 12, 32 and 110 volts DC, and 110 volts AC. Remote control unit is available. Features include mahogany, korina or cordova cabinets, separate power supply, tuning through front panel, and 12 months' warranty. Price, 12 or 32 volts DC, $795; 110 volts DC, $820, and 110 volts AC, $850. Also available are remote unit, $100; crystals, $15 pair, and complete Tiare antenna, $88.50.

MFR., Pearce-Simpson, Inc., 3023 Coral Way, Miami 45, Fla.



ISLANDER 30-A

9"x15½"x11¼", weight, 24 lbs. Stationary radiotelephone has 5 channels, frequency range of 2000 to 6000 kc and final amplifier input of 30 watts. Operates on 6 and 12 volts DC. Features are reinforced fiberglass cabinet and removable cabinet permitting simplified installation and accurate tuning. Price, $350. Also available are remote control unit, $65; crystals, $15 pair, complete small antenna, $62, and large antenna, $88.50.

MFR., Pearce-Simpson, Inc., 3023 Coral Way, Miami 45, Fla.

OUTBOARDER

Stationary radiotelephone has 4 channels, and frequency range of 2000 to 3000 kilocycles. Final amplifier input is 15 watts. Model operates on 6 and 12 volts DC. It is 7½"x12"x12", and weighs 20 lbs. Unit is specifically designed for outboard installation. It is factary pretuned, can be installed by owner, and is complete with antenna, 3 pairs of crystals and necessary wiring components. 12 months' warranty. Price, $299.50.

MFR., Pearce-Simpson, Inc., 3023 Coral Way, Miami 45, Fla.

PHILCO CORP.

No. T-9 TRANS-WORLD RADIO

All-transistor short-wave portable radio operates on flashlight batteries, is powered by nine transistors and pulls in the six most frequently used short-wave bands plus standard broadcast. Can pick up telephone company's marine operator on SW-1 general coverage band, enabling boat owners to receive notification of an incoming call without having to leave radiotelephone on. Four of the six flashlight batteries will operate the set two hours a day, every day for five months, while the other two will last one year. Space is provided for storing four extra batteries. Set has built-in Magnecor and telescope antenna, moistureproof wiring and washable plastic cover, as well as headphone jack. Weighs less than 20 lbs. Price about $225.

MFR., Radio Division, Philco Corp., Philadelphia 34, Pa.

RAYTHEON MFG. CO.

MARINE TELEPHONES

Models from 18 to 150 watts, for voltages from 6 to 115, AC and DC currents. Prices from $306 to $1,701.

MFR., Raytheon Manufacturing Company, Waltham 54, Mass.

SONAR RADIO CORP.

M4W

12"x11¾"x7", weight, 18 lbs. Radiotelephone can be stationary or portable. Has 4 channels and frequency range

of 2000 to 3000 kilocycles. Final amplifier input is 5 watts. Operates on battery, DC, or AC voltage with use of No. 43 charger. Price, $198.50. Accessories, "Sonacharge" Model 43, $19.95; "Sonacharge" DCB, $19.95; telephone type handset, $18; top hat to fit on fourth section of antenna, $5, and zippered water-repellent bag, $3.95.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

M35WS

7½"x8½"x12¾", weight, 12 lbs. Stationary radiotelephone has 6 channels, with frequency range from 2000 to 3000 kilocycles. Final amplifier input is 35 watts. Operates on 6 and 12 volts DC. Can be detached without requiring retuning. Features include built-in 17 watt public address system. Range is 50 to 150 miles. Price, $325. Accessories include center loaded antenna (permanent), $80; external speaker with 25' cord, $29.95; crystals, $10 pair; telephone handset, $18 and zipper bag, $4.95.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

M35W

12"x7¼"x12½", weight, 30 lbs. Radiotelephone can be used either as portable or stationary model, has 6 channels and frequency range of 2000 to 3000 kilocycles. Final amplifier input is 35 watts. Operates on 6 volts DC and 110 AC volts with manufacturer's charger. Battery power is 6 volts. Price, $339.50. Accessories include zipper bag, $4.95; telephone handset, $18; external speaker with 25' cord, $29.95; permanent antenna, $80; crystals, $10 pair, and 6-volt charger, $19.95.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

M150

9"x16¾"x11¼". Stationary radiotelephone operates on 117 volts AC, and 12 and 32 volts DC. Has 6 channels, with a frequency range of 2000 to 3000 kilocycles, and range of 150 to 1000 miles. Features include low battery drain, effective adjustable squelch, low-voltage tune up system, harmonic suppression 80 DB and receiver of 1 microvolt sensitivity. Can be bulkhead mounted. Price, $550. Available accessories include, antenna, $80; crystals, $10 per pair; handset, $18 and spare parts kit, $29.95.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

150 DELUXE

9"x16¾"x11¼", weight, 61 lbs. Stationary radiotelephone has 10 channels, and a frequency range of 2000 to 3000 kilocycles. Final amplifier input is 150 watts. Operates on 12 and 32 volts DC. Remote control unit is part of the set, which can be bulkhead mounted. Price, $795.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

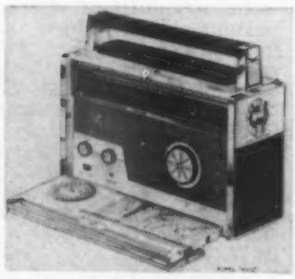
VOCALINE CO. OF AMERICA, INC.

2-WAY RADIO TRANSCEIVER

Transceiver operates in Citizens' Radio Band and requires no operators' license. It operates effectively for limited distances. Price, $69.50. Other radio models available.

MFR., Vocaline Company of America, Inc., Old Saybrook, Conn.

ZENITH RADIO CORP.



ZENITH PORTABLE

Transistorized Trans-Oceanic portable radio that operates on nine standard flashlight batteries. The current drain is so little on this new radio that there is no need for an AC/DC power outlet. 7 tuned circuits, 3 gang tuning condenser, tuned rf stage to assure maximum selectivity. Has 8 individual wave bands that are chosen with a rotary slide rule band selector on side of cabinet. Covers standard broadcast, marine, weather, 31, 25, 19, 16 and 13 meter bands. Features calibration logging scale, "Dial-o-map" time chart, detachable wavemagnet antenna, and telescopic "Wavrod" antenna which is concealed in the carrying handle. Also features band spread tuning, separate volume and tone controls, jack for ear phones and jack for connection of a record player. Radio is tropically treated, weighs only 13 lbs. with batteries. 10¼"x12½"x4⅞". Price, $250.

MFR., Zenith Radio Corporation, 6001 W. Dickens, Chicago 39, Ill.

RADAR

PACIFIC DIV., BENDIX AVIATION CORP.

MR-3B MARINE RADAR

41"x16⅞"x9⅝", weight, 115 lbs., and scope diameter, 10". Set operates on 24, 32, 110 and 220 volts DC, and 110 volts AC. Has minimum detection range of 40 yards, and maximum range of 20 miles, with range accuracy of 40 yards and bearing accuracy of 1.8°. Has 4 scale ranges, 1, 4, 10 and 20 miles. Special features include automatic frequency control, two-unit construction and vertical or horizontal indicator mounting. Price, $3,495.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

EDO CORP.

MODEL 320 RADAR

10"x13"x16", with 7" diameter of scope. Model operates on 32, 110 and 220 DC voltages, and 115 AC voltages, 60 cycles. Detection range is from 25 yards to 20 miles, with accuracy of 2 per cent of range, and 2° of bearing. Range scales are 1, 2, 5, 10 and 20 miles. Features slotted waveguide antenna, light weight and low power drain. Price, $4,190.

MFR., Edo Corp., 13-10 111th St., College Point, New York 56, N. Y.

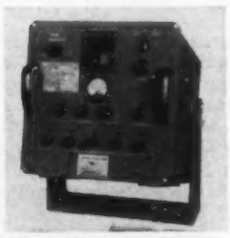
RAYTHEON MFG. CO.

PATHFINDER 1500

For DC powered boats, sets are available for 32-volt, 110-volt and 220-volt operations. Nominal power requirements for 32 volts is 28.5 amp. (variation 28-38 volts). Price, $3,975.00.

MFR., Raytheon Manufacturing Company, Waltham 54, Mass.

EDO CORP.



MODEL 262 LORAN

14⅝"x15 1/16"x17 1/16", weight, 90 lbs. Operates on 12, 32, 110 and 220 DC voltage, and 115 volts AC, 60 cycles. Scope has 3" diameter. This model has direct reading, which can be obtained in less than 1 minute, and has 28 tubes. Price, $2,180 F.O.B. College Point.

MFR., Edo Corp., 13-10 111th St., College Point, New York 56, N. Y.

RDF

ALLEN & BRADFORD

DF-O-MATIC

Portable direction finder unit features an immediate left-right course indication displayed on a horizontal meter indicator. Has standard broadcast and beacon bands. Audible tone tuning in conjunction with 360° rotating compass rose. Ferrite loop antenna and detachable whip antenna increase coverage range of beam stations.

MFR., Allen & Bradford, 3181 N. Elston Ave., Chicago 13, Ill.

APPLIED ELECTRONICS

APELCO DFR-12

Tunable frequency range from 150 to 5,000 kcs which includes beacon, broadcast and marine frequencies used in all areas. In addition 8 crystal controlled channels within the 2,000 to 5,000 kcs range provide rapid frequency change without tuning. Bearings by loud speaker or ear phones and by full vision tuning meter. Available with support columns of various lengths for mounting loop outside.

MFR., Applied Electronics Co., Inc., 213 East Grand Ave., South San Francisco, Calif.

PACIFIC DIV., BENDIX AVIATION CORP.

NAVIGATOR 400

Finder operates from boat's electric system on 6 and 12 volts DC, and incorporates broadcast and radiotelephone receivers. Dimensions are 9½" x13"x9¾", weight, 12¾ lbs. It features 3 frequency bands, Beacon, 150 to 400 kc; broadcast, 500 to 1500 kc, and marine, 1.6 to 5 kc. Also includes push-button tuning, low profile loop, built-in null meter, 7-tube receiver, all-aluminum construction and sense bearing switch. Price, $249.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

600-DX, 600-DXS AND L

Finder operates from boat's electric system, on 6, 12, 32 and 110 volts DC, and on 110 volts AC. Has broadcast and radiotelephone receivers, and a frequency range of 1600 to 5600 kc. Dimensions are 10"x13"x 13", weight, 42 lbs. Features include separate sensitivity and volume controls, sense bearing, illuminated meter, automatic noise limiter, azimuth scale and either inside or outside loops. Prices, $425, inside loop; $560, short outside loop, and $575, long outside loop.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

BLUDWORTH MARINE

BLUDWORTH RDF

A complete line of marine radio direction finders for various service requirements from the small boat to the largest ocean liner. All Bludworth RDF's feature flexible installation, and coverage of beacon, broadcast, weather, time signal and radio telephone frequency bands. They incorporate the exclusive "Nuldikator" which provides visual null indications on a special meter. Models available are: "Port Pilot," $170, "Mari-Guide," $384.50, "Marine Pilot," $535, and "Marine-Arrow" for larger commercial vessels, $625. The "Marine Arrow" allows the navigator to fix vessel's position relative to commercial or marine transmitters.

MFR., Bludworth Marine, 92 Gold St., New York 38, N. Y.

GUEST PRODUCTS CO.

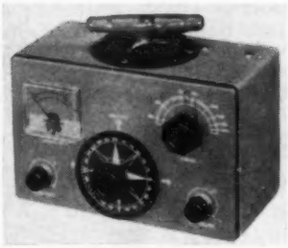
RDF IT-161R2

Operates from either self-contained batteries or 115 v DC or AC. Dimensions: 19"x12"x9½", weighs 9½ lbs. Frequency Range: Band A 200 to 415 kc.

(Beacon Band); Band B, 550 kc. to 1600 kc. (Broadcast Band); Band C, 1.7 MC to 3.4 MC (Marine Shortwave Band). Special features: Removable loop antenna, battery output meter and visual null indicator. Price, $158.

MFR., Guest Products Corp., 35-04 30th St., Long Island City 6, N. Y.

HEATH CO.



TRANSISTOR RDF KIT

Heathkit, Model DF-1, a self-contained, self-powered, 6-transistor superheterodyne broadcast radio receiver incorporating a directional loop antenna, indicating meter, and integral speaker. Powered by a 9-volt battery. Frequency range covers the broadcast band from 540 to 1600 kc. The directional high-Q ferrite antenna is rotated to obtain a fix. Overall dimensions are 7½" wide, 5⅞" high, 5⅜" deep. Supplied with slip-in-place mounting brackets. Shpg. wt. 5 lbs. Price, $49.95.

MFR., Heath Company, Benton Harbor, Mich.

KAAR ENGINEERING CORP.

KAAR R238

Radio direction finder operating on 6, 12, 32, and 110 volts DC and on 117 volts AC. Dimensions: 18¾"x12¾"x11¾". Frequency range 180 to 5600 kilocycles. Includes radio telephone receiver. Price, $387. Has 2 crystal controlled monitor channels.

MFR., Kaar Engineering Corp., 2995 Middlefield Rd., Palo Alto, Calif.

NATIONAL CO., INC.

RDF 90

A two-band portable radio receiver direction-finder that covers both marine and standard broadcast bands. Battery powered with 5 tubes, it has a variable compass rose, visual and aural null indicator, and easy to read slide-rule dial. Salt spray tested to meet all operating conditions. 7"x8⅝"x 10", it weighs 8 lbs. less batteries. Sold with mounting brackets and waterproof carrying case. Price, approximately $100.

MFR., National Company, Inc., 61 Sherman St., Malden 48, Mass.

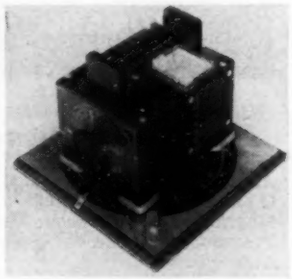
RAYTHEON MFG. CO.

GM 114B

A portable direction finder with a three band receiver. Operates from a self contained power pack or any 115 volt AC-DC supply. Price, $149.50.

MFR., Raytheon Manufacturing Company, Waltham 54, Mass.

ROBINSON & CO.



RADIO COMPASS WITH DIRECTION INDICATOR

Portable direction finder: has clear broadcast receiver, sensitive shortwave set. Power supply: 90 v. Burgess N60 or equal; 1½ v. Burgess 2FBP or equal; ship DC supply; voltage as ordered, (optional extra). Dimensions: width 6", depth 8", height 5". Loop handle projects 2" above case.

MFR., Robinson & Co., P.O. Box 213, Gardena, Calif.

SONAR RADIO CORP.

DF 4X

7½"x11"x10½", weight, 12 lbs. Finder operates on battery, has both broadcast and radiotelephone receivers. Features include "Sence" antenna, spring return dial light, crystal control position and meter indicator. It is not affected by atmospheric conditions. Price, $179.95. Available also are crystals, $5 each.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

DEPTHFINDERS

PACIFIC DIV., BENDIX AVIATION CORP.

DI-1 DEPTH INDICATOR

12"x10"x9¾", weight 21 lbs. Depth indicator operates on 6, 12 and 32 volts DC, and indicates depths from 0 to 100 fathoms, with accuracy to 2%. Features include indicating unit, indicating dial, transducer and aluminum case, waterproofed. Price, $475.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

DI-3 & DI-4 DEPTH INDICATORS

5¾"x7½"x10", weight, 10 lbs. Operates on 6, 12 and 32 volts DC, and features for the self-contained unit include printed circuit, large scale and bright flashing light. DI-3 indicates from 0 to 50 fathoms, and DI-4 indicates from 0 to 100 feet. Both are accurate to .2 per cent. Price, $195.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

DR-7A/9 DEPTH RECORDER

20⅛"x14 5/16"x8 13/32", weight, 40 lbs. Depth recorder operates on 12, 24, 32 and 110 volts DC, and 110 volts AC. DR-7A indicates depths from 0 to 100 fathoms, and DR-9 indicates depths from 0 to 200 feet. Both models are accurate to 2%. Features include compact size and weight and extended range. Price, $995.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

DR-12 DEPTH RECORDER

20⅛"x4 5/16"x8 13/32", weight, 40 lbs. This model operates on 12, 24, 32 and 115 volts DC, and 110 volts AC. Indicates depths from 0 to 50 fathoms, and 0 to 200 fathoms, with accuracy to 2%. Price, $1,245. Dual beam transducer is available also.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

DR14, DR15 & DR16 DEPTH RECORDERS

7½"x10"x8", weight, 16 lbs. Operates on 6, 12 and 32 volts DC. Features include pulse doubler circuit, self-adjusting stylus and chart illuminator. Depths indicated are, DR14, 0 to 40 and 40 to 80 fathoms; DR15, 0 to 25, 25 to 50 and 50 to 75 fathoms, and DR16, 0 to 50, 50 to 100 and 100 to 150 feet. All accurate to 2%. Price, $450.

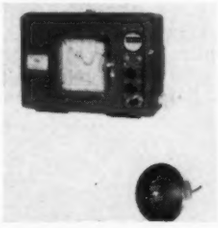
MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

EDO CORP.

EDO FISHCOPE

15 1/16"x15⅜"x18 13/16", weight 75 lbs. Operates on 12, 32 and 110 DC voltage, and 115 AC voltage, 60 cycles. Model indicates depths from 0 to 400 fathoms, and is accurate to 2 per cent. It features expanded 10 fathom scale continuously variable to 400 fathoms. Price, $1,200.

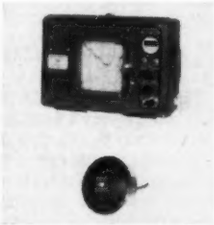
MFR., Edo Corp., 13-10 111th St., College Point, New York 56, N. Y.



MODEL 255 SURVEY DEPTH RECORDER

Unit operates on 12, 32, 110 DC voltage and 115 AC voltage, 60 cycles. Indicates depths from 2 feet to 250 fathoms, with accuracy to ½ of 1 per cent. Equipped with recording device, this model has 4 overlapping expanded scales in either feet or fathoms. Price, $2,740.

MFR., Edo Corp., 13-10 111th St., College Point, New York 56, N. Y.



MODEL 225B

18½"x13½"x9½, weight, 60 lbs. Portable model operates on 12, 32 and 110 DC voltage, and 115 AC. It indicates depths to 250 fathoms, and is accurate to ½ of 1 per cent. Has recording device and 4 overlapping ranges in both feet and fathoms. Price, $2,740.

MFR., Edo Corp., 13-10 111th St., College Point, New York 56, N. Y.

MODEL 185

28¼"x22¾"x14", weight, 220 lbs. Model operates on 115 AC voltage, and indicates depths from 0 to 6000 fathoms or feet

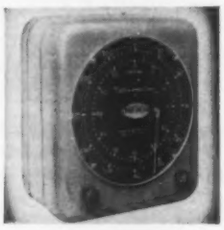
with accuracy to ½ of 1 per cent. Has recording device. This unit is standard equipment in U. S. Navy, Coast Guard and Coast & Geodetic Survey. Price, $6,500.

MFR., Edo Corp., 13-10 111th St., College Point, New York 56, N. Y.

RAYTHEON MFG. CO.

DE-122 DEPTH SOUNDER
7"x8"x6½" instrument reads depths from 2 to 120 ft.

MFR., Raytheon Mfg. Co., 100 River St., Waltham, Mass.



DE-122, DE-116
Fathometers in 6, 12, and 32 volt units calibrated for ranges from 2′ to 120′ and 0 to 60 and 120 fathoms. Especially designed for small boat installation. Prices $149.50 and $387.50 respectively.

MFR., Raytheon Manufacturing Company, Waltham 54, Mass.

ROSS LABORATORIES

SPORTSMAN SPECIAL DEPTHFINDER
Operates on 6, 12, and 32 volts DC. Dimensions are 4½" diameter and 3½" depth for indicator; chassis to 6"x9"x7½". Indicator weighs 4 lbs., chassis 8 lbs. Indicates depths from 2½ to 240 feet and over on circular scale. Accurate to 4% full scale. Non-magnetic and yoke mounted indicator. Plug in type cables for easy installing. Price, $210.

MFR., Ross Laboratories, 124 Lakeside Ave., Seattle 22, Wash.

FISHERMAN DEPTHFINDER
Operates on 6, 12, and 32 volts DC. Dimensions of indicator: 9"x9"x6½"; eltectronic chassis: 6¼"x11¾x6¾". Indicates depths to 100 fathoms and over on repeating type scale. Accurate to 4% full scale. Recorder and flasher repeaters can be added easily. Price, $285.

MFR., Ross Laboratories, 124 Lakeside Ave., Seattle 22, Wash.

FISHERMAN RECORDER
Operates on 6, 12, and 32 volts DC. Dimensions: 11"x16"x6". Weighs 17 lbs. Indicates depths to 100 fathoms and over. Accurate to 4% full scale. Repeater stations can be added. Price, $470.

MFR., Ross Laboratories, 124 Lakeside Ave., Seattle 22, Wash.

SPORTSMAN DEPTHFINDER
Operates on 6, 12, and 32 volts DC. Dimensions: 6½"x9"x9". Weighs 13 lbs. Indicates depths from 2½ to 240 feet and over on circular scale. Accurate to 4% full scale. Single unit construction. Indicates depth changes of 2 feet. Price, $185.

MFR., Ross Laboratories, 124 Lakeside Ave., Seattle 22, Wash.

SPORTSMAN "40" or "80" DEPTHFINDER
Operates on 6, 12, and 32 volts DC. Dimensions: 6"x8"x8". Weighs 22 lbs. Indicates depths less than 40 feet or from 1 foot to 80 feet and over on circular scale. Accurate to 4% full scale. Shows changes of less than 6 inches. Magnetic keying. Price, $245.

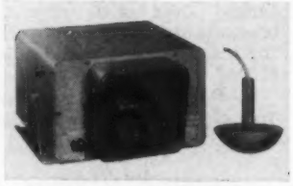
MFR., Ross Laboratories, 124 Lakeside Ave., Seattle 22, Wash.

PORTABLE SPORTSMAN 80
A new transistorized depth finder with power drain of only 1/10th amp, weighs only 2½ lbs., and measures 7"x5"x5". Consists of an indicator-electronic unit and transducer. Powered by a 6 volt portable lantern-type battery reported to last a full season. Transducer can be permanently keel mounted or attached to the transom or side of boat. The indicator is calibrated in 1-foot increments, the keying system is magnetic and the basic range is over 80′. Case is constructed of non-corrosive fiberglass. Price, $122.50.

MFR., Ross Laboratories, 124 Lakeside Ave., Seattle 22, Wash.

SONAR RADIO CORP.

D120B
7"x9½"x6", weight, 12 lbs. Operates on 6 and 12 volts DC, and indicates depths from 0 to 125 feet, with accuracy to ¼′. Has 360°, 4" scale with 1′ calibrations. One-piece non-mag-



netic construction includes power supply, electronic circuitry and indicator. Price, $139.50.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

D120P
7"x9½"x11", weight, 18 lbs. Portable sounder which operates on 6 volts DC, and on 110 volts AC when used with manufacturer's charger. Indicates depths from 0 to 125 feet, with accuracy to ¼′. Model incorporates 6-volt, wet cell, non-spill, rechargeable battery, and indicates completely on its own power. Also available in D120B model, which does not have its own battery.

MFR., Sonar Radio Corp., 3050 W. 21st St., Brooklyn 24, N. Y.

AUTOMATIC PILOTS

BELOCK INSTRUMENT CORP.

ADVANCED EQUIPMENT FOR LARGE CRAFT
Auto-Navigation system, the Gyro-Compass system, the Magnetic Compass with Tele-Transmission, and the Belock Auto-Pilot system.

MFR., Belock Instrument Corporation, Marine Division, College Point, New York, N. Y. Distributed and serviced by RCA Radiomarine.

PACIFIC DIV., BENDIX AVIATION CORP.

MODEL 135
Photo electric automatic pilot is also a "non-hunting" type which operates only when corrective rudder is required. Operates on 12, 24, 32 and 110 volts DC. Features weather sensitivity control and manually operated clutch. Prices, $445 (12, 24 and 32 volts) and $545 (110 volts).

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

MODEL 145A
Photo electric automatic pilot of "non-hunting" type especially suited for pleasure craft and small commercial vessels. Features an electrically-operated clutch that can be engaged and disengaged by switch, and has weather sensitivity control. Operates on 12, 24, 32 and 110 volts DC. Prices: $515 (12, 24 and 32 volts) and $615 (110 volts).

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

MODEL 155
Photo electric automatic pilot is a "non-hunting" type which operates only when corrective rudder is required. Has weather sensitivity control and manually-operated clutch. It has heavy duty motor and relays, and is capable of steering vessels from 75 to 150 feet. Operates on 32 and 110 volts DC. Price, $865.

MFR., Pacific Division, Bendix Aviation Corp., 8211 Lankershim Blvd., N. Hollywood, Calif.

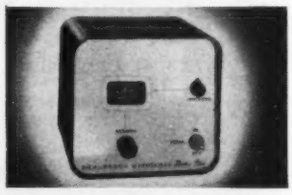
A. RICHARDSON & SON

MODEL B
Activated by magnetic compass and 12-24-32 volts DC this pilot has mechanical clutch, is 3¾" wide, 10" high and 2" deep. Compass head is portable, and entire unit can be installed without any major carpentry or electrical work. Price, $295, f.o.b. plant.

MFR., A. Richardson & Son, 2563 Post Rd., Warwick, R. I.

MODEL B.P.
Mechanical clutch pilot is activated by magnetic compass on 12-24-32 volts DC servo. Features include directional control, heading selector, proportional automatic rudder motion when in operation, sensitivity of 1° or better, automatic memory and portable helm. Price, $560.

MFR., A. Richardson & Son, 2563 Post Rd., Warwick, R. I.



GYRO MASTER PILOT
Pilot has direction control by gyroscope, heading selector, proportional automatic rudder motion in operation, sensitivity sensor system of approximately ¼° (15 minutes), automatic memory, centering control, following-sea operation, and portable helm. No warm up time is required for this pilot, which can be operated by 12-24-32 volts DC 35 watts. Small mercury cell in bridge unit stabilizes sensor circuit. Price, $695, complete with all equipment, including one portable helm, ready for installation.

MFR., A. Richardson & Son, 2563 Post Rd., Warwick, R. I.

MAGNETIC COMPASS PILOT

When steering automatically, dial course with the Controller knob to set the vessel on desired heading. The vessel will turn to the course dialed and hold it until further change is made. If necessary to change course to avoid some other vessel or obstruction, operator can switch to "Remote Control," steer the vessel as desired, and then switch back to "Automatic." Craft will return to the course set on Controller and continue to steer it automatically. Smaller course changes may be made if desired, by turning the controller knob to a new heading.

Control system consists of compass and controller, switch box, remote controller and amplifier. Eeither 00 power unit or the hydraulic ram may be used, depending on the vessel's requirements.

MFR., Sperry Gyroscope Co., Div. of the Sperry Corp., Great Neck, N. Y.

COMPASSES

AIRGUIDE INSTRUMENT CO.

No. 87 MARINE COMPASS

Outside diameter 3½", outside height 3½", card 2" in diameter. This model is gimbaled and may be mounted on bulkhead, dashboard or deck binnacle; it is recommended for runabouts and other small boats. The compass comes in a gray case, has black dome dial with white 5° calibration, and levels freely in its mounting. It is equipped with an Alnico V magnet and built-in compensator for adjustment. List price, $7.50.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

No. 88 MARINE COMPASS

Outside diameter, 3½" outside height, 4¾", card face diameter, 2¾". This model is suitable for mounting on bulkhead or dashboard of sailboats, runabouts or small cruisers. Compass has wide angle of operation, eliminating need for gimbal, and is underlit red for night use. Special features include Alnico V magnet, built-in compensators for positive adjustment and jeweled movement. Price, $15.

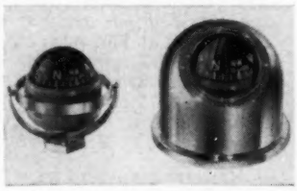
MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

No. 89 FISHERMAN COMPASS

Outside diameter, 2¼", outside height, 2⅜", card diameter, 2".

Suitable for standby use in any craft, this is a simple but effective portable compass, giving accurate general directions when used away from magnetic objects. Price, $2.95.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.



No. 11C BINNACLE

Outside diameter, 4¾", outside height, 4¼". Recommended for use with Airguide No. 87 marine compass, this chrome-plated brass binnacle is equipped with light and two-power magnifying lens. Price, $10.50, binnacle only.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

DINSMORE INSTRUMENT CO.

SMALL CRAFT COMPASS

Model G-75A, a compact, gimbaled, liquid damped steering compass with built-in compensator. Price, $7.50. A companion compass, the Dinsmore 301, is designed for small, fast runabouts where vibration is excessive.

MFR., Dinsmore Instrument Co., 1840 Kelso St., Flint, Mich.

HULL MANUFACTURING CO.

HULL COMPASS

Comes equipped with a combination installation bracket. It can be mounted on the boat's windshield with rubber vacuum cup and a special surehold adhesive, or with aluminum arm which can be screwed to deck or on steering wheel dash. Comes in 4 colors: Adirondack grey, Bermuda green, Nassau blue, and desert sand. Alnico V compensators. Airplane type dial has four cardinal points and intermediate degrees. Revolves on Sapphire

jewel. Price, non-illuminated model, $4.95, illuminated model with bulbs for either 6 or 12-v ignition systems, $6.50.

MFR., Hull Manufacturing Co., Warren, Ohio.

KETCHAM & McDOUGALL, INC.

MODEL 70 MARINER

Outside diameter, 3¾"; height, 4¼"; card diameter, 3⅜". Can be mounted on bulkhead, dashboard or deck binnacle. Lucite dome, underlit dial, gimbal action. Special bearing and pivot allows 32° tilt angle and full compensation with gear-synchronized Alnico compensators. Price, $15.95 in black crackle finish, $17.95 in chrome finish.

MFR., Ketcham & McDougall, Inc., 465 Eagle Rock Ave., Roseland, N. J.

MODEL 80 OUTBOARDER

Outside diameter, 3"; height, 2 15/16"; card diameter, 2⅞". May be mounted on bulkhead, dashboard or binnacle. For small or medium-size outboard runabouts and cruisers. Features two-way compass card calibration for top and side readings and bracket for horizontal or vertical installation either rigid or gimbaled. Lucite dome, underlit dial and full compensation with Alnico magnets. All chrome case. Price, $9.95.

MFR., Ketcham & McDougall, Inc., 465 Eagle Rock Ave., Roseland, N. J.

SILVA, INC.

NO. 33 SILVA MARINE

Recommended for cruiser and sail pleasure boats. Dimensions: outside diameter 3½", height, 3½". Diameter of card face, 2⅛". Mounted on gimbals. Can be mounted on bulkhead. Special design gives fast reading from relatively small size. Outer 3½" dial is set at desired course. Pilot steers so needle is parallel with lines inside the 2⅛" face. This lends a more rapid and accurate method of reading than trying to hold needle to the desired degree. Liquid filled hermetically sealed housing. 2° markings on dial can be set within 1°. Inner card also graduated for direct readings when desired with 5° counter clockwise markings. Price, $30.

DIST., Silva, Inc., 702 Ridgeway St., La Porte, Ind.

WEEMS & PLATH, INC.

PLATH T-50 YACHT COMPASS

Recommended for large yachts. Dimensions: outside diam. 9", height 8", diam. of card face 6", mounted on internal gimbals. Can be mounted on dashboard, deck binnacle. Spherical domed, self gimballed. This compass was designed especially for sailing yachts and can be read even when inclined up to 90°. Lubber line is gimballed with the card. Is normally mounted flush in the cockpit but can be supplied in binnacle if desired. A heavy duty lifetime compass manufactured of brass with a non-warping mica card. Price, $129.50.

DIST., Weems & Plath Inc., 229 Prince George St., Annapolis, Md.

PLATH T-51 YACHTSMAN

Recommended for all yachts—sail and power. Dimensions: outside diam. 5", outside height 5½". This model may be mounted on dashboard, deck binnacle. Diam. of card face 3.2", internally gimballed. Spherical dome all brass bowl, mounting pedestal equipped with built in correcting magnets. Hood with light for night use. Internally gimballed, lubber line gimballed with card. Floatless ring magnet. Imported from West Germany. Price, $49.50.

DIST., Weems & Plath Inc., 229 Prince George St., Annapolis, Md.

BAROMETERS

AIRGUIDE INSTRUMENT CO.

211B

Diameter 4½". Depth 1⅝". Traditional hanging type. Compensated for temperature variations. Dial of white coated brass. Case, natural polished brass finish. Price, $15.

213B

Diameter 6⅝". Depth 1⅝". Compensated. Calibrated in inches and millibars. Natural polished brass finish. Dial, 4½", diameter. Price, $17.

213C
Same at 213B with 5½" diameter and finished in highly polished chrome. Price, $18.50.

214B
Diameter 5½". Depth 1⅝". For rugged marine requirements. Sensitive to slightest atmospheric changes. Compensated. Calibrated in inches and millibars. Dial is white coated brass, 4½ in. diameter. Natural polished brass finish. Price, $15. 214C is same model finished in highly polished chrome. Price, $16.

245
Diameter 4". Depth 1¾". Chrome plated die-cast base. Calibrated in inches and millibars. Made to match Airguide marine speedometers, models 700, 701, 702, and 703. Price, $10.

MFR., Airguide Instrument Co., 2210 Wabansia Ave., Chicago 47, Ill.

FREDERICK GOERTZ, INC.

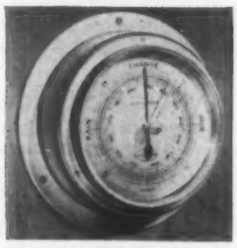
KELVIN HUGHES ANEROID BAROMETERS
These models have from 6" to 8" dials, and come in brass or chrome cases.

DIST., Frederick Goertz, Ltd., Vancouver, B.C.

KELVIN HUGHES MARINE MERCURIAL BAROMETERS
To B.o.T. specifications, these models have Vernier reading in inches (or millimetres) and millibars, with thermometer. Weight, 5 lbs.

DIST., Frederick Goertz, Ltd., Vancouver, B.C.

SCOPE INSTRUMENT CORP.



SCOPE 4321 BAROMETER
A compensated, all brass, heavy duty yacht barometer for boating use. Screws to wall or bulkhead. It has a brushed silver face and beveled glass. Diameter 5", depth 3¾". This is one of a number of Scope barometers designed for boat and home use. Price, $7.95.

MFR., Scope Instrument Corp., Scope Bldg., Mamaroneck, N. Y.

BINOCULARS

D. P. BUSHNELL & CO.

BUSHNELL BINOCULARS
Free service guarantee; 20-year free parts. Models include: 7x 50 Marine viewing (day and night); Rangemaster, 7x35 wide-angle; 6x25 Broadfield for spectator sports; 7x35 All-Purpose Champion; 6x30 Birder's Choice; 8x30 High-Power Wide Angle; 8x40 for power, clarity, sharp detail; 10x50 power for long-range viewing; 12x50 extra power; 20x60 tripod model for great distances; 9x35, power with compactness; 6x15 pocket companion; 7x18, all-chrome, pocket-size beauty; 4x30 field glass for the younger set and 3.5x26 folding Vu-ette, choice of colors. Prices range from $9.95 to $135; center focus models $5 additional.

MFR., D. P. Bushnell & Co., 270 Bushnell Bldg., Pasadena 1, Calif.

FREDERICK GOERTZ, LTD.

MODEL STEPTRON
Magnification, 8x. Object Glass, 30 mm. Field of view at 1,000 yds., 144 yds. Exit pupil dia., 3.75 mm. Weight, approx. 20 oz.

DEALER, Frederick Goertz, Ltd., Vancouver, B.C.

MODEL STEPLUX
Magnification, 7x. Oject Glass 50 mm. Field of view at 1000 yds., 122 yds. Exit pupil dia., 7.1 mm. Weight, approx. 36 oz.

DEALER, Frederick Goertz, Ltd., Vancouver, B.C.

MODEL STEPRUVA
Magnification, 9x. Object Glass, 35 mm. Field of view at 1000 yds., 128 yds. Exit pupil dia., 3.9 mm. Weight, approx. 21 oz.

DEALER, Frederick Goertz, Ltd., Vancouver, B.C.

MODEL STEPMUR
Magnification, 10x. Object Glass, 50 mm. Field of view at 1000 yds., 115 yds. Exit pupil dia., 5 mm. Weight, approx. 38 oz.

DEALER, Frederick Goertz, Ltd., Vancouver, B.C.

MODEL STEPSUN
Magnification, 12x. Object Glass 50 mm. Field of view at 1000 yds., 96 yds. Exit pupil dia., 4.2 mm. Weight, approx. 36 oz.

DEALER, Frederick Goertz, Ltd., Vancouver, B.C.

MODEL STEPVUE
Magnification, 8x. Object Glass, 30 mm. Field of view at 1000 yds., 122 yds. Exit pupil dia., 3.75 mm. Weight, approx. 15 oz.

DEALER, Frederick Goertz, Ltd., Vancouver, B.C.

MODEL TROPICALS
Magnification, 10x and 7x. Object Glass, 50 mm. and 40 mm. Field of view at 1000 yds., 115 yds. and 164 yds. Exit pupil dia., 5 mm. and 5.7 mm. Weight, approx. 40 oz. and 32 oz.

DEALER, Frederick Goertz, Ltd., Vancouver, B.C.

NIKON, INC.

NIKON BINOCULARS
New models with Nikkor optics are of shock-resistant construction, and carry lifetime guarantee. Prices, $37.50 to $125, including leather carrying case.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 5 x 15 MIKRON
Central focusing binoculars which are small, compact units, with a view angle of 8°. Linear field at distance of 1000 yards is 420 ft. Exit pupil, 2.1 mm. Relative brightness, 4.6. Weight, 4.2 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 6x15 MIKRON
This black and chrome-trimmed model has central focusing. Magnification, 6x. Objective diameter, 15 mm. Angular field, 8° 18′. Linear field at 1000 yds., 438 ft. Exit pupil, 2.5 mm. Relative brightness, 6.2. Dimensions: 1½"x4 1/16", weight, 6 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 6x18 MIKRON
Roof-prism binoculars of compact design, they have central focusing. Magnification, 6x. Objective diameter, 18 mm. Angular field, 7 degrees 40′. Linear field at 1000 yds., 405 ft. Exit pupil, 3 mm. Relative brightness, 9. Dimensions: 2⅝" x4", weight, 6.2 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 6x30 MIKRON FEATHERWEIGHT
Lightweight, compact binocular has central focusing. Magnification, 6x. Objective diameter, 30 mm. Angular field, 8° 20′. Linear field at 1000 yds., 439 ft. Exit pupil, 5 mm. Relative brightness, 25. Dimensions: 4½"x6¾", weight, 17.6 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 7 x 15 MIKRON
Central focusing binoculars which are small, compact units. View angle is 9.5°, and linear field at distance of 1000 yards is 499 ft. Exit pupil, 3 mm. Relative brightness, 9. Weight, 6.2 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 7x35 MIKRON
This model provides high light transmission, has central focusing. Magnification, 7x. Objective size, 35 mm. Angular field, 7° 16′. Linear field at 1000 yds., 381 ft. Exit pupil, 5 mm. Relative brightness, 25. Dimensions: 5¼"x7⅛", weight, 16.8 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 7 x 50 MIKRON
Has central focusing, is waterproof and featherweight. Magnification, 7x. Objective size, 50 mm. Angular field, 7° 16′. Linear field at 1000 yds., 381 ft. Exit pupil, 7.1 mm. Relative brightness, 50.4. Dimensions: 7¼"x7⅞", weight, 34.6 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 7x50 MIKRON FEATHERWEIGHT
Combines light weight and highest light transmission, has central focusing. Magnification, 7x. Objective size, 50 mm. Angular field, 7° 16′. Linear field at 1000 yds., 381 ft. Exit pupil, 7.1 mm. Relative brightness, 50.4. Dimensions: 7¼"x 7⅞", weight, 34.6 oz. Waterproof center focus model also available.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 8x30 MIKRON FEATHERWEIGHT
Offers higher power, has central focusing. Magnification, 8x. Objective size, 30 mm. Angular field, 8° 30′. Linear field at 1000 yds., 446 ft. Exit pupil, 3.75 mm. Relative brightness, 14.1. Dimensions: 4½"x6⅝", weight, 16.6 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 8 x 35 MIKRON
Waterproof featherweight binoculars with central focusing. Magnification, 8x. Objective size, 35 mm. Angular field, 7°. Linear field at 1000 yds. is 367 ft. Exit pupil, 4.4 mm. Relative brightness, 19.4. Dimensions: 5¼"x7⅛", weight, 18.2 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 8x35 MIKRON FEATHERWEIGHT
Offers greater light transmission and higher power in a compact, light weight unit; has central focusing. Magnification, 8x. Objective size, 35 mm. Angular field, 7°. Linear field at 1000 yds., 367 ft. Exit pupil, 4.4 mm. Relative brightness, 19.4. Dimensions: 5¼"x 7⅛", weight, 18.2 oz. Also available in 8x35 center focus waterproof model.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 8x50 MIKRON FEATHERWEIGHT
Has central focusing. Magnification, 8x. Objective diameter, 50 mm. Angular field, 7°. Linear field at 1000 yds., 367 ft. Exit pupil, 6.25 mm. Relative brightness, 39.1. Dimensions: 7"x7⅞", weight, 34.3 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

NIKON 9x35 MIKRON FEATHERWEIGHT
Unusually wide field; has central focusing. Magnification, 9x. Objective diameter, 35 mm. Angular field, 7° 20′. Linear field at 1000 yds., 385 ft. Exit pupil, 3.9 mm. Relative brightness, 15.2. Dimensions: 5¼"x 6⅞", weight, 18.2 oz.

MFR., Nikon, 251 4th Ave., New York 10, N. Y.

SOUTHERN PRECISION INSTRUMENTS

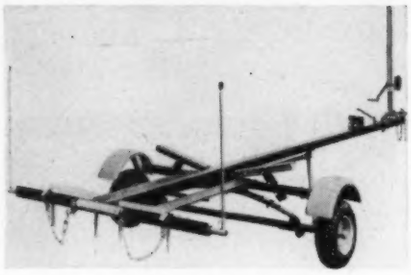
NO. 113—FMHT
Supreme superlite extra lightweight magnesium prismatic binocular, 8 power, 40 mm. 100% hard coated optical system, interior and exterior lens surfaces. Weight, 23 oz., field of view 367 ft. at 1000 yds. Cowhide carrying case, neck strap and and shoulder strap included in price. Price, $67.50.

DIST., Southern Precision Instruments, 710 Augusta St., San Antonio 2, Tex.

No. 111 FWA WIDE-ANGLE
Super-light special wide angle prismatic binoculars with 7 power 35 mm coated optical system. The wide angle feature gives a 531′ field of view at 1000 yds. Price: $65.

DIST., Southern Precision Instruments, 710 Augusta St., San Antonio 2, Texas.

AJAX TRAILER CO.



AJAX BOAT TRAILER

One man loading, self launching trailer. Features a dolly which travels the full length of the trailer under and with the boat during launching and loading operations. A combination of 3 rubber rollers at rear of trailer, 2 of which act as rear cradles; all are adjustable for height. Guide rods, adjustable for width, keep the boat centered on the trailer at all times. 4 tire sizes available. Column with geared winch mounted on it is adjustable along tongue for various boat lengths. Price, $139 to $225.

MFR., Ajax Boat Trailer Co., Inc., 21942 Dequindre Rd., Hazel Park, Mich.

BALKO, INC.

BALKO TRAILER

Model "300" for 12 and 14 foot boats and 300 lb. load. Model "600" for 12 and 14 foot boats w/motor on transom, 600 lbs. Other models available up to 1500 lbs. capacity.

MFR., Balko, Inc., Ladysmith, Wisconsin.

500 AND 500 DELUXE

Model 500 has carrying capacity of 500 lbs. 500 Deluxe has same capacity, and universal adjustments at all support points for fitting of 12′ and 14′ fishing boats as well as light weight runabouts. Motors up to 15 hp may be carried on the boat transom.

MFR., Balko, Inc., Box 309, Ladysmith, Wisc.

708 AND 712

New series of trailers can carry 700 lbs. Model 708 fits fully-equipped 14′ and 16′ runabouts. Features tipping frame with self-locking "Tip-Loc" for loading and launching, double walkboard, positive action keel rollers and universal adjustments to fit varied hulls. Frame may be located in various positions over wheels. Trailer has 5.00x8 inch, 4-ply tires on 8 inch automotive-type wide base demountable wheels. Model 712 is identical except that it has wide base automotive type demountable wheels and 4.80/4.00x12, 4-ply tires.

MFR., Balko, Inc., Box 309, Ladysmith, Wisc.

TRAILERS

1008 AND 1012

Handles 15′ to 18′ boats, and has capacity of 1,000 lbs. Features include double walkboards, "Tip-Loc" loading and launching, all rubber rollers and adjustments to fit varied hulls. Frame is also adjustable to balance boats. Model 1008 has wide base, automotive type demountable wheels and 5.50x8-inch, 4-ply tires. Model 1012 is identical except that it has 12-inch wide base, automotive type demountable wheels and 5.30/4.50x 12, 4-ply tires.

MFR., Balko, Inc., Box 309, Ladysmith, Wisc.

BASSICK CO.

BASSICK BEAVER BOAT TRAILERS

Trailers for boats 14 to 19 feet in length have same running gear with Firestone air springs, adjustable for loads from 100 lbs. to 1400 lbs. 5.30x12 tires on wide base 12″ wheels. All models equipped with hydraulic water level launching and loading and adjustable transom and bow supports with spin-wheel adjusters.

MFR., The Bassick Co., 437 Howard Ave., Bridgeport, Conn.

BILT-WELL CO.

MODEL B-400 TRAILER

Designed for 12 ft. boats, with motor on transom, or 14 ft. boats without motor. Has 4.80x8x4 ply high speed wheels. Capacity 400 lbs. Shipping weight, 150 lbs. Price, $124.50. Accessories: Fulton Winch; Tie Down Web, $3.95; Tie Down Bar, $6.95; Spare Wheel, $24.50; Jiffy Loader, $14.95.

MFR., Bilt-Well, 82nd Brewster Ave., Phila. 42, Pa.

MODEL B-600 TRAILER

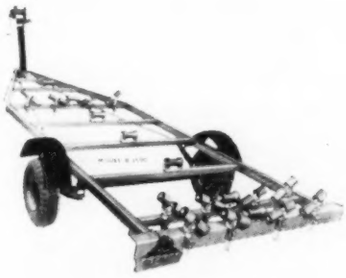
Trailer for 14 ft. boats with motor on transom, or 16 ft. boats without motor. Has 500x8x4 ply high-speed tires on demountable auto type wheels. Capacity 600 lbs. Shipping weight, 250 lbs. Price, $169.50. Accessories: Fulton Winch, Tie Down Web, $3.95; Tie Down Bar, $6.95; Spare Wheel, $37.50; Jiffy Loader, $14.95; Side rollers (for Battery and Gas Can support), set of 2, $15.00.

MFR., Bilt-Well, 82nd Brewster Ave., Phila. 42, Pa.

MODEL B-800 TRAILER

Has the 4.80x12x4 ply demountable wheels. Capacity 800 lbs. Shipping weight, 275 lbs. Price, $199.50. Accessories: Fulton Winch; Spare Wheel, $38.50; Tie Down Web, $3.95; Tie Down Bar, $6.95; Jiffy Loader, $14.95.

MFR., Bilt-Well, 82nd Brewster Ave., Phila. 42, Pa.

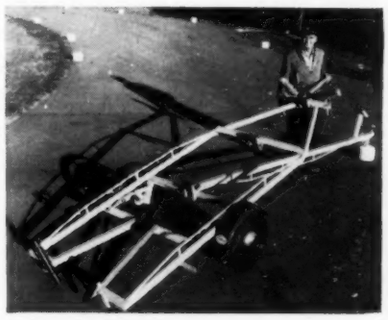


MODEL B-1500 TRAILER

This easy handling heavy-duty trailer has a capacity of 1,500 lbs., 600x9x6 ply tires, trailer width 73″. Shipping weight, 550 lbs. Price, $399.50. Accessories: Fulton Winch (heavy duty) Spare Wheel, $48.00; Jiffy Loader, $19.95.

MFR., Bilt-Well, 82nd Brewster Ave., Phila. 42, Pa.

B & C MFG. CO.



HILLTOP TRAILER

12 models, from 13 to 24′ tandem, with 15″ wheels and electric brakes. Model 1216HD, illustrated, is a 16′-17′ trailer with a maximum capacity of 1,200 lbs. 5:30x12, 4 ply tires; 15″ self centering swivel rollers to prevent drift. All models are heavy duty for heavier boats.

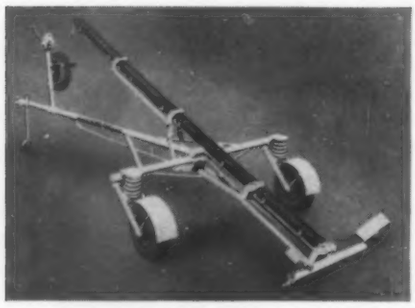
MFR., B & C Manufacturing Co., 314 West Chestnut St., Wauseon, Ohio.

CADILLAC MARINE & BOAT CO.

CADILLAC TRAILERS

MFR., Cadillac Marine & Boat Co., 1st Ave. and 7th St., Cadillac, Mich.

E. L. CALDWELL & SONS



LKS-16

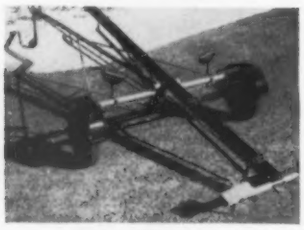
Trailer designed for boats 12′ to 16′ long. Full length keel support. Disappearing rollers lowered automatically after boat is loaded. Adjustable transom supports, adjustable winch stand.

MFR., E. L. Caldwell & Sons, Corpus Christi, Texas.

MODEL LKS-16 LOAD KING

Trailer for VIP boats is equipped with "Eazyload" rollers and walkboard.

MFR., E. L. Caldwell & Sons, 3204 Agnes St., Corpus Christi, Tex.



MODEL LKS-17

Trailer is equipped with "Eazyload" rollers and walkboard, and has self-leveling axle.

MFR., E. L. Caldwell & Sons, 3204 Agnes St., Corpus Christi, Tex.

MODEL LKT-18

Load King trailer is equipped with "Eazyload" rollers and walkboard.

MFR., E. L. Caldwell & Sons, 3204 Agnes St., Corpus Christi, Tex.

DEVELOPMENT ENG. CO.

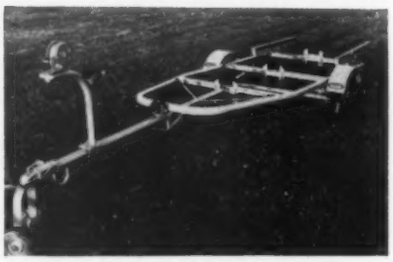
No. 300

An economy trailer for boats from 12′ to 14′, which can carry loads to 300 lbs. A complete line of optional accessories are

available including a "Swivel-Tilt" attachment for easy loading.

MFR., Development Engineering Co., Donaldsville, La.

FLEET CAP'N TRAILERS



FLEET CAP'N 1114

For boats 12′ and 14′ with motors; trailer includes fenders, winch and winch stand with bow-stop roller, stop and tail lights, license plate bracket, and tilt-tongue—750 lbs. capacity. Price $172.50.

MFR., Fleet Cap'n Trailers, New Bern, N. C.

FLEET CAP'N 1116

For boats 14′ and 16′ with motors; trailer includes fenders, winch and winch stand with bow-stop roller, stop and tail lights, license plate bracket, and tilt-tongue—1,000 lbs. capacity. Price $187.50.

MFR., Fleet Cap'n Trailers, New Bern, N. C.

FLEET CAP'N 1118

For boats 16′ and 18′ with motors; trailer includes fenders, heavy duty winch and winch stand with bow-stop roller, license plate bracket, stop, tail, and directional lights, and tilt-tongue—1,500 lbs. capacity. Price $277.50.

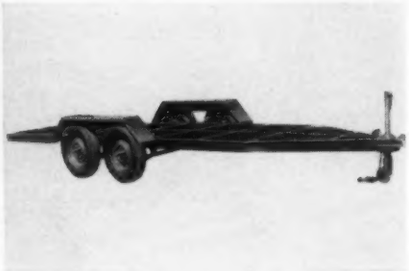
MFR., Fleet Cap'n Trailers, New Bern, N. C.

FLEET CAP'N 1121

For boats 18′ and 21′ with motors; trailer includes fenders, heavy duty winch and winch stand with bow-stop roller, license plate bracket, stop, tail, and directional lights—2,000 lbs. capacity. Price $395.00.

MFR., Fleet Cap'n Trailers, New Bern, N. C.

FOREMAN MFG. CO.

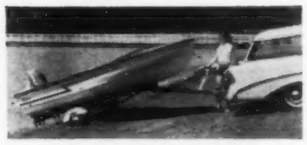


MODEL BT-191

A 20 foot tandem model which has been designed especially for Lyman, Century and Owens boats. The all-steel Foreman Boat-trailer chassis is electrically welded and is designed to produce a rigid, high strength, light weight frame, incorporating rectangular tube longitudinals and formed channel cross members with lightening holes properly placed to provide lightness without loss of strength. All trailers come equipped with ball and socket coupler, third wheel jack and heavy duty safety break-away chains. Chassis is completely wired and comes with tail and stoplight assembly and license bracket.

MFR., Foreman Mfg. Co., 54th and South State St., Chicago 9, Ill.

HOLSCLAW BROS., INC.

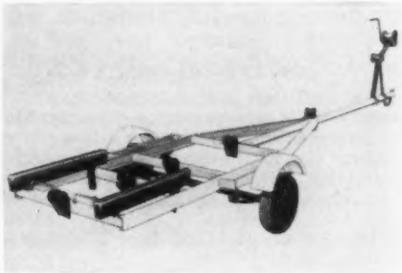


HOLSCLAW TRAILER

The super deluxe 1958 boat trailer, one of a complete line of trailers with capacities ranging from 400 lbs. to 1950 lbs., will handle boats up to 21′ in length.

MFR., Holsclaw Bros., Inc., 408 N. Willow Road, Evansville, Ind.

IMPERIAL TRAILER CO.

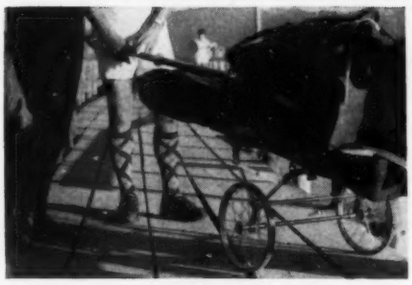


IMPERIAL TRAILER

The new trailer features a specially-designed loading device known as the "tilting bed." The entire bed of the trailer tilts easily for loading and unloading. The manufacturer claims the new bed affords "a tremendous amount of stable keel and hull support, especially during the loading process." Company will market three basic models: the Imperial 14, Imperial 16, and Imperial 18. The Imperial 14, for boats through 14 footers, handles an 800 lb. load capacity; the Imperial 16 handles 1200 lbs. and the Imperial 18 has an 1800 lb. capacity. All Imperial trailers are available with various wheel sizes. The new trailer features welded-steel construction, extra transom support, rubber rollers, geared winch, and bright Imperial red and cream color scheme. Price, starts at $194.50.

MFR., Imperial Trailer Co., Inc., P.O. Box 4024, Fort Worth, Texas.

KLEPPER CO.



KLEPPER BOAT CART

A cart suitable to carrying canoes, folding boats, row boats. It folds up and can be stowed into any small area. Weighs 8 lbs. Chrome plated metal parts, solid rubber wheels, with long straps to tie the boat to the cart. Price, $22.50.

MFR., Klepper Co., Inc., 1472 Broadway, New York 36, N. Y.

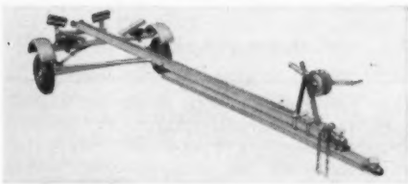
LANDSKIPPER TRAILER CO.

LANDSKIPPER TRAILER

All welded construction. Seamless steel tubing and 14-gauge channel steel. Wheels: drop center rim automobile type, with alemite grease fittings. Demountable wheels. Bearings: Inner and outer high speed tapered Timken roller. Tires: Standard size 5x8x16. High speed. General Jumbo 4-ply. First line tires. Axle: 1¼" diameter solid steel stub type. Steel: 1¾"x3" rectangular electrically welded 11-gauge tube and 13-gauge round tube. Springs: 5 leaf super steel quarter eliptical cantilever action. Size: Length, 13'6", Width, 5', Height, 27". Weight, 17 lbs. Load, maximum, 600 lbs. Tread, 54". Price, $169.50.

MFR., Landskipper Trailer Co., 1048 W. Winnebago St., Milwaukee 5, Wis.

LIGGETT SUPPLY CO.



DEXTER TRAILERS

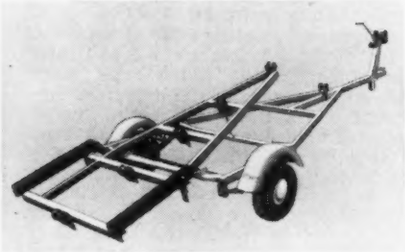
Liggett Trailers for '58 feature a $240 custom model, $399 custom cruiser model, a 14' 600# capacity economy model at $109 and a deluxe Tipper model with 14' or 16' tongue, $150.

MFR., Liggett Supply & Equip. Co., Inc., 2030 South Main St., Elkhart, Indiana.

LITTLE DUDE TRAILER CO.

LITTLE DUDE TRAILERS

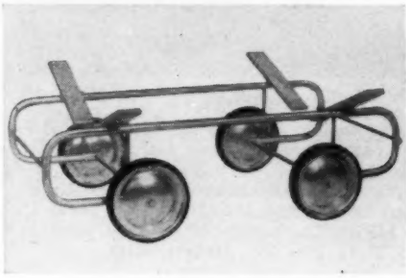
The 1958 lineup includes 24 models for outboards and inboards, ranging from the little A-14, with a capacity of 600



lbs., to the big D-21, giant carrier designed to handle over 80" beam on a 22-foot boat and a 3,000 pound load. Price, starts at $144.50.

MFR., Little Dude Trailer Co., P.O. Box 4513, Fort Worth, Texas.

LUMEX, INC.



MODEL 302 DELUXE

Reinforced aluminum tubular construction with strut bracing. 48" long x 27" wide. Solid tread 10x2.25 disc wheels with ball bearings. Hardwood chocks. Height 14½". For rough surfaces. Capacity 400 lbs. Price, $39.95.

MFR., Lumex, Inc., 11 Cleveland St., Valley Stream, N. Y.

MASTERCRAFT TRAILERS, INC.

KIT CRAFT—KC7-300

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof, aluminum alloy. Tires: 4:00x8 4 ply. Boom: 2 inch square, 13 foot. Weight: 170 lbs. Boat length, 12'-14'. Capacity load rated 300 lbs. maximum. Price, $112.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

MODERNLINE—MO7-500

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof, aluminum alloy. Tires: 4:00x8 4 ply on wide base rim (5:00x8 4 ply Hi-test rayon cord tires available at dealers if desired). Boom: 2½" square, 13' long. Weight: 190 lbs. Boat Length 12'-14'. Capacity: load rated 500 lbs. maximum.

Price, $127.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

MODERNLINE—MO7-750

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof, aluminum alloy. Tires: 4:00x8 4 ply on wide base rim (5:00x8 4 ply Hi-test rayon cord tires available at dealers if desired). Boom: 3" square, 15' long. Weight: 240 lbs. Boat Length: 12'-16'. Capacity load rated, 750 lbs. maximum. Price, $142.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

BANNERLINE—BA7-500

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof, aluminum alloy. Tires: 4:00x8 4 ply on wide base rim (5:00x8 4 ply Hi-test rayon cord tires available at dealers if desired). Boom: adjustable 2½" square, 13' long. Weight: 240 lbs. Boat Length: adjustable from 12'-13'8" with full transom support. Capacity load rated 500 lbs. maximum. Price, $154.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

BANNERLINE—BA-750

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof, aluminum alloy. Tires: 4:00x8 4 ply on wide base rim (5:00x8 4 ply Hi-test rayon cord tires available at dealers if desired). Boom: adjustable 2½" square, 13' long. Weight: 280 lbs. Winch: W1000. Boat Length: adjustable from 12'-13'8" with full transom support. Capacity load rated 500 lbs. maximum. Price, $169.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

STREAMLINE—ST7-500

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof aluminum alloy. Tires: 4:00 x 8 4 ply on wide base rim (5:00x8 4 ply Hi-test rayon cord tires available at dealers if desired). Boom: adjustable 2½" square, 9' long. Weight: 270 lbs. Boat Length: 10'-14' with full transom support. Capacity: rated load 500 lbs. maximum. Price, $156.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

STREAMLINE—ST-750

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof aluminum alloy. Tires: 4:00x8 4 ply on wide base rim (5:00x8 4 ply Hi-Test rayon cord tires available at dealers if desired). Boom: adjustable 3" square, 9' long. Weight: 300 lbs. Boat Length: adjustable 12'-16' with full transom support. Price, $171.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

CUSTOMLINE—CU7-500

Axle: cold drawn seamless mechanical tubing. Track: std. 58" automotive. Hub: waterproof, rustproof aluminum alloy. Tires: 5:00x8 4 ply. Boom: adjustable 2½" square, 13' long. Boat Length: 12'-15'. Capacity: 500 lbs. maximum. Weight: 305 lbs. Winch: W500. Tie down strap. Safety chain. Safety lock coupler. Price, $199.50.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

CUSTOMLINE TRAILER

Has "form-fitted" rollers which can be adjusted up and down, back and forth, and tilt automatically to support any boat regardless of keel shape, bilge strips, length, or any one of many variations found in modern boats.

MFR., Mastercraft Trailers, Inc., Middlefield St., Middletown, Conn.

OTTO P. MILLER CO.

FLOATLOAD BOAT TRAILER

One-man boat trailer, no ropes, cables, straps or winches. Only one pin loads or launches the boat right in the water. Comes in 3 sizes: 12-14-16 foot. Has 15-inch car wheels. Price, $128.50 and up.

MFR., Otto P. Miller, P.O. Box 192, Almena, Wis.

W. H. MILLER CORP.

MODEL W7-660 LAUNCHER

For boats up to 14′ long and normal loads of 660 lbs. Specially designed and equipped to handle the average 14′ boat with up to 25 HP motor on transom

and where total load of boat, motor, and motor equipment with gear does not exceed 660 lbs. It has 4 ply 4:80x8 tires, on drop center demountable wheels with Timken tapered roller bearings and Neoprene seals. Large well padded center cradles that are fully adjustable. Large roller equipped stern support for carrying motor on boat. Enclosed streamlined winch stand with roller tube of bow stop and 1,000 lb. geared winch with Nylon rope and hook. Combination stop and tail light with license bracket and cord and connector for car. There are instructions and serial number plate mounted on the winch base. Standard automotive tread 56″. Approximate shipping weight 215 lbs. Furnished with all equipment as shown and described including safety chain.

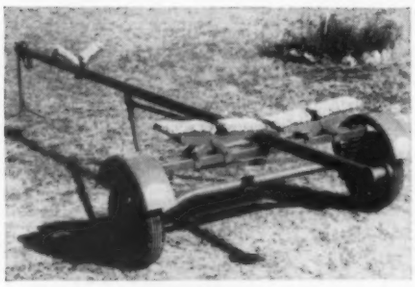
MFR., W. H. Miller Corp., P. O. Box 218, Irving, Tex.

AMERICAN BOAT CARRIER

Offered in three sizes, 675 lbs., 800 lbs., and 1050 lbs., normal load rating to handle outboard runabouts with single or twin motor installations and up to 17′. The heavy construction exceeds the specification requirements of the Boat Trailer Manufacturers Association of the Outboard Boating Club of America. A few of the features are: a 9 to 1 ratio winch with heavy nylon rope, large solid nylon keel rollers and oversize hydraulic shock absorbers. Large fender mounted turn signals. Prices, $239.50 up.

MFR., W. H. Miller Corp., P. O. Box 218, Irving, Tex.

MOODY MFG. CO.



MODEL 6D

Boat trailer, 14′, 500 lb. capacity. Coil springs, anti-sway bar, neoprene mounted. Padded bolsters that adjust up or down, also in or out and tilt to fit any boat. Price, $99.25.

MFR., The Moody Mfg. Co., Highway 15, P. O. Box 337, Maben, Miss.

MONTGOMERY WARD & CO.

TELESCOPIC A-FRAME TRAILER

Telescopes from 15′ to 17′. Designed to trail boats to 18′, and loads up to 1,200 lbs. Features elevating loader roller, multiple keel rollers and catwalks. Price, $269.

DIST., Montgomery Ward & Co., 618 W. Chicago Ave., Chicago, Ill.

NORTH AMERICAN MARINE

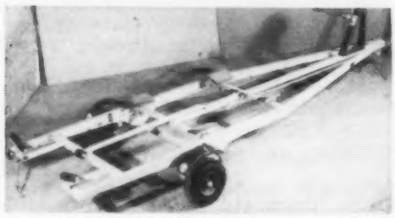
MODEL 1000

Trailer for boats from 12′ to 16′, with load capacity of 1,000 lbs. Features adjustable running gear to equalize load on trailer hitch, high tensile "torsion-ride" springs, and retractable launching and loading rollers. Boat rides on keel and transom with adjustable pads under hull. Has 4-ply 4.80x12 tubeless tires. Spring-tension transom locks boat down. Price, $249.50.

MFR., North American Marine, Inc., Warsaw, Ind.

MODEL 1500

Trailer fits boats from 12′ to 16′, and has load capacity of 1,500 lbs. High tensile "torsion-ride" spring suspension, 6 ply



5.50x8 tubeless tires, spring tension transom locks boat down, ball hitch, stop light and launching and loading mechanism lever. Price, $299.50.

MFR., North American Marine, Inc., Warsaw, Ind.

PACEMAKER BOAT TRAILER CO.

NO. 450

12′6″ for boats to 12′. Features include 53″ track, high-speed Timken bearings, 400x8 wide-based wheels and waterproof seals. Capacity is 325 lbs., maximum load, 400 lbs. No. 200 "Play-tilt" available as an extra.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 500

15′ for boats from 13′ to 15′, track 62″. Has high speed Timken bearings, 400x8 wide based tires and wheels, and waterproof seals. Capacity is 400 lbs., maximum load, 650 lbs. No. 200 "Play-tilt" available as an extra.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 550

15′ for boats 13′ to 15′, heavy-duty trailer with 62″ track. Capacity is 400 lbs., maximum load, 650 lbs. Features high speed Timken bearings, waterproof seals and wide-based wheels and tires. W-30 shock absorbers not required on this model. No. 200 "Play-tilt" available as an extra.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 600

12′6″ for boats 12′, with motor on transom, to 14′ without motor. 53″ track. Capacity is 300 lbs., maximum load, 400 lbs. Has 400 x 8 high speed wide-base wheels and tires, waterproof seals and Timken roller bearings.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 660

12′6″ for boats 10′ to 13′, with 53″ track. Capacity is 400 lbs., and maximum load, 500 lbs. Features include 500 x 8 high speed wide-base wheels and tires, waterproof seals and Timken bearings.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 700

14′6″ for boats to 14′ with or without motor on transom. Deluxe trailer has "Play-loader" on rear. Track is 53″, capacity, 350 lbs., maximum load, 500 lbs. 400 x 8 high speed wide-based wheels and tires, waterproof seals and Timken bearings are included.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 775

14′6″ for boats 14′ with motor on transom, to 15′ without motor. 53″ track. Deluxe trailer has "Play-loader" on rear, capacity of 450 lbs., and maximum load, 600 lbs. Includes high speed 500 x 8 wide-base wheels and tires, waterproof seals and Timken bearings.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 825

14′6″ for boats to 14′ with motor on transom, 58″ track. Capacity is 500 lbs., maximum load, 650 lbs. It has 500 x 8 high speed wheels and tires, waterproof seals and Timken bearings.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 900

16′ for boats to 16′ with motor on transom, and 58″ track. Has "Play-loader"

on rear, 500 x 8 wheels and tires, waterproof seals and Timken bearings. Capacity is 700 lbs., maximum load, 825 lbs.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 950

14'6" for boats 14', with 58" track. Has 400 x 12 demountable wheels, and high speed tires. Capacity is 750 lbs., maximum load, 900 lbs.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 1000

16' for heavily equipped boats. Has "Play-loader," 400 x 12 wheels and high speed tires, waterproof seals and Timken bearings. Capacity is 800 lbs., maximum load, 1,000 lbs.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

NO. 2800

18' for all inboard or outboards up to 22', with 64" track. Tandem-wheel trailer has 40 x 12 high speed tires and wheels, side and center rollers, waterproof seals, and Timken bearings. Capacity is 2,000 lbs., maximum load, 2,500 lbs.

MFR., Pacemaker Boat Trailer Co., Inc., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL CR-2600

For all outboards or inboards 18' to 22' long. Length is 18' and it's wide enough to take any boat. Wheels and tires are 400x12, tubeless if preferred. Capacity up to 3000 lbs. Shipped complete except front swivel wheel jack extra.

Shipping weight 540 lbs.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL CR-3000

For all cruisers, inboard or outboard, 17' to 22' long, weighing up to 3000 lbs. Boat is now bedded on rubber rollers. Electric brakes extra, if needed. Tubeless tires if preferred. Shipping weight 690 lbs. Length 19'6".

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL B-460

Capacity 650 lbs. Length 15', for boats to 16' long. Track 60". 400x8 rustproof, two-piece aluminum tire. Weight 200 lbs. Coil spring.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL DE-800

Capacity 1000 lbs. Length 16', for boats up to 16' with motor on transom, demountable wheels 400x12. Tire size 400x 12 high speed. Tubeless if requested. Track 58". Complete with "Play-Loader." Weight, 285 lbs.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL CR-1500

This trailer is designed to carry all boats from 16' to 20' long, weighing up to 1500 lbs., cruiser, runabout, speedboat and sailboat. Wheels are 400x12, demountable. Shipped complete. Shipping weight 320 lbs. Length 17'.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL PL-700

Capacity 500 lbs. Length 14'6" for boats up to 15' long with motor on transom. Track 52". Wheels 400x8. Tire size 400 x8. Equipped with the "Play-Loader." Weight, 205 lbs.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL DE-725

Capacity 800 lbs. Length 14' for boats up to 16' or 14' boats with motors on transom. Track 58". Wheels 400x12 demountable. Tire size 400x12 high speed. Tubeless if requested. Weight 245 lbs. "Play-Tilt" extra.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL JR-650

Capacity 500 lbs. Length 12'6" for boats from 10' to 14'. Track 52". Hub and wheels 400x8 two-piece, rustproof aluminum. Tire, high speed 400x8. Weight 180 lbs. "Play-Tilt" extra.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL PL-675

Capacity 650 lbs. Length 14'6", for boats to 15' with motor on transom or 16' without motor. Track 54". Wheel and hub, demountable. Chrome hub cap. Tire size 500x8 (jumbo type). Weight 220 lbs. Equipped with the "Play-Loader."

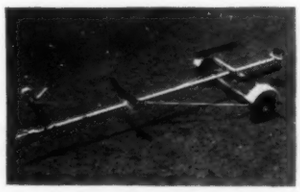
MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

MODEL B420

The "Budgeteer" for boats up to 12' long. Length, 12'6". Track 52". 400x8 rustproof, two-piece aluminum tires. Capacity, 400 lbs. "Play-Tilt" extra. Weight 190 lbs. Coil spring.

MFR., Pacemaker Boat Trailer Co., 2017 S. 63rd St., Philadelphia 42, Pa.

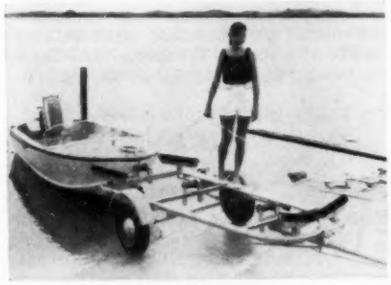
PETERSON BROS., INC.



MODEL 114

For 10' to 14' outboard boats. Capacity, 350 lbs. Standard equipment includes winch, tail-light and safety chain.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.



MODEL 214

Gator "Trigger-Action," tilt-frame trailer for 13' and 14' boats. Capacity, 700 lbs. Standard equipment includes winch, fenders, walkboard, tail-light, safety chain, mechanized transom cradles and walkboard.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 216

Gator "Trigger-Action," tilt-frame trailer intended for outboard standard runabouts of 15' or 16'. Capacity is 800 lbs., including boat, motor and gear. Standard equipment includes winch, fenders, walkboard, tail-light and safety chain. Mechanized transom cradles and walkboard.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 416

Gator "Trigger-Action," tilt-frame trailer for ultra broad-beamed boats 16' in length. Capacity, 1,000 lbs. Standard equipment includes heavy-duty 2-speed winch, fenders, walkboard, tail-light and safety chain; mechanized transom cradles and walkboard.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 417

Gator "Trigger-Action," tilt-frame trailer for 17' outboard runabouts and light cruisers. Capacity, 1,200 lbs. Standard equipment includes heavy-duty two-speed winch, fenders, walkboard, tail-light, safety chain and mechanized transom cradles and walkboard.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 541

Gator finger-tip controlled trailer for 18' light outboard cruisers and big runabouts. Capacity is 1,500 lbs. Standard equipment includes tilting jack, two-speed heavy duty winch, walkboard, mechanized transom cradles, tail-light and safety chain. Has two-wheel axle.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 542

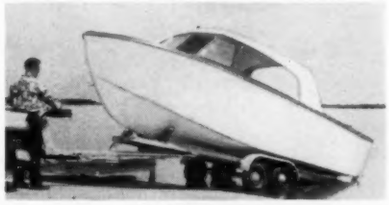
Gator finger-tip controlled trailer for heavy 18' outboard cruisers. Capacity is 1,900 lbs. Standard equipment includes tilting jack, two-speed heavy duty winch, walkboard, mechanized transom cradles, 4-wheel tandem axles, tail-light and safety chain.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 551

Gator finger-tip controlled trailer for light outboard cruisers. Capacity, 1,500 lbs. Has jack-controlled tilt bed, mechanized transom cradles and 2-wheel axle. Standard equipment includes tilting jack, tongue jack and parking wheel, two-speed heavy duty winch, walkboard, fenders, tail-light and safety chain.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.



MODEL 552

Gator finger-tip controlled outboard cruiser trailer, for medium-weight 19' and 20' boats. Capacity, 1,900 lbs. Has jack-controlled tilt bed, mechanized transom cradles and 4-wheel tandem axles. Equipment includes tilting jack, tongue jack and parking wheel, two-speed heavy duty winch, fenders, tail-light and safety chain.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 554

Gator finger-tip controlled outboard cruiser trailer. Capacity is 2,400 lbs. Has jack-controlled tilt bed, mechanized transom cradles and 4-wheel tandem axles. Standard equipment includes tilting jack, tongue jack and parking wheel, two-speed heavy duty winch, fenders, tail-light and safety chain. For heavy-weight 19′ and 20′ boats.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 565

Gator finger-tip controlled trailer for 21′ and 22′ outboard cruisers. Capacity, 3,000 lbs. Standard equipment includes tilting jack, tongue jack and parking wheel, mechanized transom cradles, walkboard, two-speed heavy duty winch, fenders, tail-light and safety chain. Has 4-wheel tandem axles.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 616

Gator trailer for 15′ and 16′ inboard boats. Has two-wheel axles. Standard equipment includes fenders, bow stop, parking wheel, tail-light and 600 x 9 tires.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 618

Gator trailer for 17′ and 18′ inboard boats. Has Linco-non-sway axle with helical torsion springs and two 15″ flat base wheels. Standard equipment includes fenders, bow stop, parking wheel, tail and stop lights. Tires and brakes are optional equipment.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 721

Gator trailer for heavy 21′ and 22.′ inboard boats. Has Linco non-sway, 4-wheel tandem axles with 15″ drop center wheels. Standard equipment includes fenders, bow stop, tail and stop lights, built-in parking jack and wheel. Tires and brakes are optional equipment.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 723

Gator trailer for 21′ to 23′ inboard boats. Has Linco non-sway 4-wheel tandem axles with helical torsion springs; 15″ wheels. Standard equipment includes fenders, bow stop, tail and stop-lights and built-in parking jack and wheel. Tires and brakes are optional equipment.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

MODEL 727

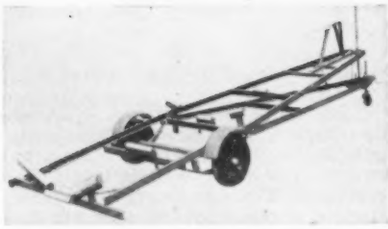
Gator trailer for 24′ and 25′ inboard boats. Has Linco non-sway, 4-wheel tandem axles with 15″ wheels. Standard equipment includes fenders, bow stop, tail and stop lights and built-in parking jack and wheel. Tires and brakes are optional equipment.

MFR., Peterson Bros., Inc., Box 51, Station G, Jacksonville, Fla.

PORTAGE TRAILER CO.

TRAILER LINE

A complete line of boat trailers for any load capacity and featuring Timken high speed roller bearinged wheels is available. Range from the model 100



for 15′ outboards, and loads to 750 lbs., for $161, to specially designed and custom built trailers for any capacity. Illustrated is the model 300 for boats to 16′ and 1600 lbs. Price, $290.25. Representative features are tilt beds, winches, extra wide bodies if desired, hydraulic lifts, and riser jacks.

MFR., Portage Trailer Co., 7570 Woodman Ave., Van Nuys, Calif.

RAMSEY TRAILER CO.

AQUA TRAILERS

"Aqualand" Boat Trailers—from 12′ to 30′ and in capacities from 750 lbs. to 12,000 lbs. Aqualand Skipper. Heavy duty tandem models. Prices from $154 to $4,566. Skipper Jr. Outboard motorboat models.

AQUALAND TRAILERS

Mounted on solid steel drop forged torsion spring axle of 1000 lbs. capacity. Designed to carry up to 16′ boat with motor on transom. Frame constructed of square mechanical tubing fully seam welded at all joints. Demountable wheels (3 optional sizes) mounted on BT or CT40 tapered spindles. Prices start, $225 equipped with geared winch and tie-downs ready to use. Price less added equipment, $199.95. Other 1958 models: 18′, 20′ trailer of 3000 lb. capacity; 20′, 22′ trailer of 6000 lb. capacity equipped with electric brakes and controls. Standard equipment on models equipped with brakes is automatic brake-away safety switch with battery.

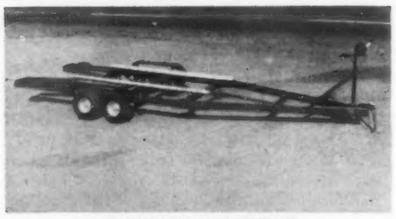
MFR., Ramsey Trailers, 1925-35 S. Chadwick St., Philadelphia 45, Pa.

SELMA TRAILER & MFG. CO.

SQUATTY

16′ and 18′, capacity, 1,000 lbs. "A" frame of 4″ pressed steel channel. Extra long, five leaf semi-elliptical springs, high-speed 5.00x8 tires, and heavy gauge wheels with automotive tapered roller bearings. Equipped with ball and socket coupler, fenders, keel roller, adjustable bow chock, safety chain and winch. Accessories available. Price, $244.

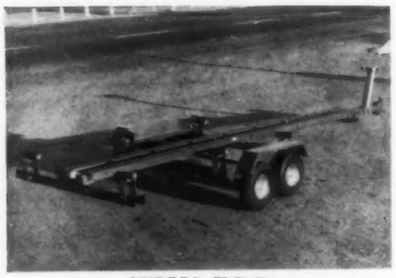
MFR., Selma Trailer & Mfg. Co., 3111 Highway 99, Selma, Calif.



TANDEM CRUISER

Available in 18′ and 20′, capacity 2,000 lbs. Frame of 4″, 10 gauge pressed steel channel. Has 5.00x8 tires, semi-elliptical springs with equalizers, fenders, two longitudinal supports, two keel rollers, adjustable bow chock, winch, coupler, ball and safety chain. Other accessories available. Prices, 18′, $372.50; 20′, $392.50.

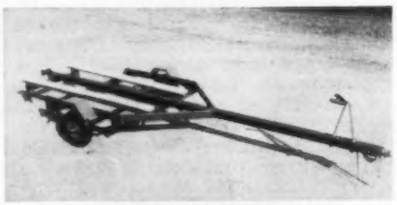
MFR., Selma Trailer & Mfg. Co., 3111 Highway 99, Selma, Calif.



SELMA T.D.B.

Will accommodate boats from 18′ to 20′. Frame is constructed of heavy gauge, box section channel. Equipped with cantilever springs and equalizing bar, transom support, side rollers, and 5.00x8 tires and tubes. Weight, 2250 lbs. Price, $425.

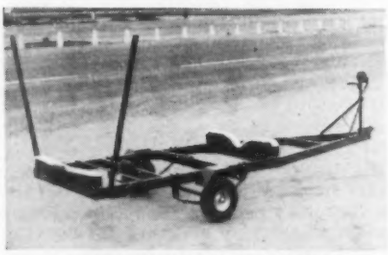
MFR., Selma Trailer & Mfg. Co., 3111 Highway 99, Selma, Calif.



SUPER CONVERTIBLE

750 lbs. capacity, recommended for boats up to 16′. Frame of heavy gauge pressed steel 52″ in width, track 58″, coupler and ball, bow chock complete with skid, safety chain, rubber bow holders, and winch bracket. Front and rear padded and covered cradles 4″ wide, keel roller and fender. Price, $139.

MFR., Selma Trailer and Mfg. Co., P. O. Box 237, Selma, Calif.

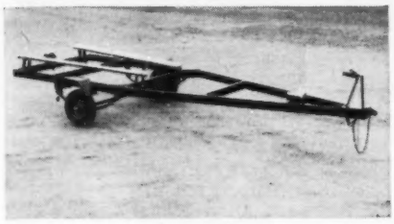


CUSTOM BOAT TRAILER

Capacity, 1,000 lbs. "A" frame of 4″ pressed steel channel, five leaf semi-elliptical springs, high speed 5.00x8—4-ply extra wide tires and heavy gauge wheels with tapered roller bearings. Also equipped with front and rear chocks, three rollers, side guides, bow chock, 1,000 lb. winch, fenders, rear web

holddown straps, socket coupler, ball and safety chains. Price, $259.50.

MFR., Selma Trailer & Mfg. Co., 3111 Highway 99, Selma, Calif.

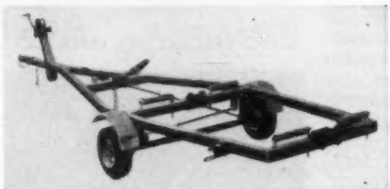


LOW BOY

750 lbs. capacity, low slung, all steel construction, electrically welded, frame members of 3" pressed steel channel. High speed 400 x 8 4 Ply Pneumatic tires, ball and socket coupler, bow chock drilled for winch bracket, rubber bow holders, safety chain. Has standard automobile tread width. 58" track. Finished with red weather proof enamel. Width of frame 52". Overall length 12'. Shipping wt. 145 lbs. Price, 12' trailer complete as described, $124.50; 14' trailer complete, $134.50; 16' trailer complete, $144.50.

MFR., Selma Trailer & Mfg. Co., P.O. Box 237, Selma, Calif.

STERLING BOAT TRAILERS

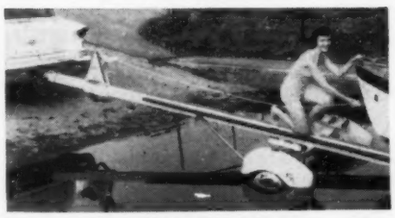


ENSIGN

14' to 16' sizes. Features new easy loading roller equipment, double shock absorbers, Timken Roller Bearings, high speed wheels, anti-sway control, automatic coupler and geared winch. Also a complete line of trailers in many sizes available.

MFR., Sterling Boat Trailers, Div. Save-Way Sales & Mfg. Co., Salem, O.

TEE-NEE TRAILER CO.



TEE-NEE TRAILERS

A-frame and T-frame models, to handle keel-less or keel boats. A-frame has multiple sets of wide grooved or flat rubber rollers which adjust for close fit and support of boat hull. Optional on two T-frame models is a steel cat walk along tongue. Tandem model center section of hard rubber rollers which can be raised and lowered by a built-in jack to facilitate loading and launching heavy boats. Capacities from 300 to 2,000 lbs. Prices from $99.95 to $550.00.

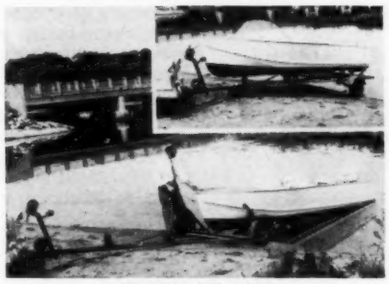
MFR., Tee-Nee Boat Trailer Co., Youngstown, Ohio.

MODEL OB-40 TRAILER

Two of the newest features of this trailer is the winch stand which has been made into a housing and completely encloses the self-locking geared winch. The handle of the winch has also been lowered for easier operation and accessibility during loading. The Tie-Tilt cable which is bolted to the axle, anchors the trailer to the car and allows tilting and turning during loading and launching. The cable also serves as a safety device while the trailer is in transit.

MFR., The Tee-Nee Trailer Co., Youngstown, Ohio.

VENTILAIRE PRODUCTS CO.



TOT'N FLOAT

A trailer designed to launch and recover boats to 18' in as little as 6" of water without necessity for the operator to leave the land. Powerful geared hand winch raises and lowers boats to 1000 lbs. Trailer bed drops between the wheels, reaching to the ground. Features heavy tube-steel construction, 4 rubber keel rollers, two contour fitting rubber pads, automotive shock and coil springs, galvanized aircraft type cables. Standard equipment includes 5.50 tires, retractable landing gear that adjusts to height of hitch, license bracket, tail light reflectors and tie-downs. Finished in rust preventive enamel.

MFR., Ventilaire Products Co., Inc., 2431 Harvey St., Muskegon, Mich.

WISCONSIN MARINE CO.

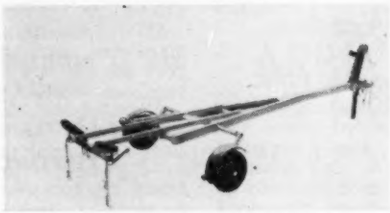
AIR SUSPENSION TRAILER

Trailer rides on compressed air for smoother riding qualities and automatic adjustment of boat's weight. Provides easy loading with trailer bed lowered by push-button control, instead of tilted. Loading guide swings out to hold boat in alignment, keel rollers and vertical guide rollers assist in loading or launching. Transom supports are horizontally adjustable. Frame is of electrically-welded beams designed for maximum load capacity. Axle supports heavy duty roller bearing wheels carrying 14.5x7:00, ten ply tires. Electric brakes are included.

MFR., Wisconsin Marine Co., Lake Mills, Wis.

NEW ANNOUNCEMENTS

ARNOLT CORP.



BIG A BOAT TRAILER

Full line of trailers features torsion bar suspension, adjustable cradle, transom support rollers, launching ramp and waterproof hubs.

MFR., Arnolt Corp., Warsaw, Ind.

FOREMAN BOATRAILERS

BT-252

Model BT-252 trailer is designed for use with large, heavy boats. Features include tandem axle and coil-sprung front third wheel unit. All trailers in line are electrically welded, and are equipped with ball and socket coupler, third wheel jack, and heavy-duty breakaway chains. Running gear assembly consists of heat-treated steel axles with matched leaf springs and standard automotive type hubs and wheels.

MFR., Foreman Boatrailers, Foreman Manufacturing Co., 5353 S. State St., Chicago 9, Ill.

LITTLE DUDE TRAILER CO.

LITTLE DUDE C SERIES

For 14' to 16' boats, C Series trailer has transom support release, adjustable balance, rocking boom loading and other new features. Complete series of trailers is available, from economy E series, with 450 lb. capacity, to the big Tandem 21, with a maximum of 2,400 lb. load, and models suitable to handle boats from 14' to 22'. Features include simple method of adjusting trailer center of gravity to balance any load, and an interchangeable tongue for expansion to fit a larger boat.

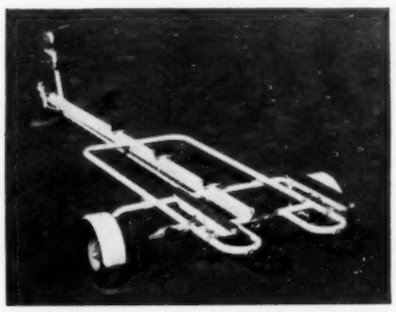
MFR., Little Dude Trailer Co., P.O. Box 4513, Fort Worth, Tex.

F. A. LONG COMPANY

MICHIGAN SPORTSMAN

Designed for 12' to 14' boats, has 400 lbs. capacity, features individual wheel suspension, adjustable knee action for boats of varying weights. Has "E-Z-Load" tongue of 12-gauge channel steel, sturdy rubber keel roller, adjustable winch stand, winch mount, two self-positioning, rubber covered hull cradles.

MFR., F. A. Long Co., Benton Harbor, Mich.



MICHIGAN LOW-LOADER DB-16

Features "elevator action" to handle large boats. Designed for 14' to 16' boats. A 3000 lb. hydraulic power unit raises and lowers bed with fingertip control. Has four large keel rollers, adjustable winch stand with bow stop roller and 1000 lb. winch, 2" heavy gauge tubular steel axle. 4" steel tongue. Also available in DB-19 model for 18' to 21' boats.

MFR., F. A. Long Co., Benton Harbor, Mich.

DOCKS

BRINKTUN, INC.

BOARDING LADDERS

Line of boarding ladders features 1 1/16" thick "Apitong" mahogany steps in 2, 3 or 4 step models.

MFR., Brinktun, Inc., 710 North 4th St., Minneapolis, Minn.

DURKEE

BOARDING RAMP

The "Tide Ride" ramp gives access to a boat by a series of steps that are horizontal and self-leveling at all times. Six steps make up the aluminum ramp which weighs 42 lbs. and will support over 500 lbs. Price $300.

MFR., Durkee, 29 South Street, New York, N. Y.

ELECTRO MARINE PROD.

SECTIONAL DOCK BUMPER

Available in 12' lengths, this new bumper is extruded of RN/RS, a tough, resilient synthetic rubber; it is weather and salt water resistant and will stand up under rough treatment. Will not mar or smudge boat finish. Available widths, 2", 4" and 6". Price, $1.75 per foot in 6" width.

MFR., Electro Marine Products (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

DOCK AND BOATHOUSE REFLECTOR

Constructed of molded and hermetically sealed prisms, the reflector can be seen from any angle up to 1,000 feet away. Has brass lag screw and can be driven into any dock, piling or boathouse. Available in white or amber, shaped hour-glass, oval or half oval. Price, half oval $2.10; other sizes slightly higher.

MFR., Electro Marine Products, Inc. (formerly Marine Division, Bushings, Inc.), 4358 Coolidge Hwy., Royal Oak, Mich.

FIBERCRETE CORP.

CONCRETE DOCK

A monolithic structure of modular unit assembly, fabricated from a concrete mix 50% lighter than comparable mixes, and designed to float and support

a live load of 48 lbs. per sq. ft. "Fibercrete" units may be assembled in domino fashion to form a variety of walkways and finger floats. Built to withstand excessive wave action.

MFR., Fibercrete Corporation, 1435 W. 15th St., Long Beach 13, Calif.

MAMARONECK MARINE

BASCOME BOAT HOLDER

Device prevents small boats from bumping and scraping while at dock and provides secure bow-on berthing. Cast iron base and stainless steel arms to form a Vee, covered with foam rubber and canvas. Boat bow is brought into the Vee and painter secured to iron casting. Arms can be raised for alongside docking. For boats to 18'. Price, $59.95.

MFR., Mamaroneck Marine Specialties Co., Inc., P. O. Box 188, Mamaroneck, N. Y.

METALLOY PRODUCTS

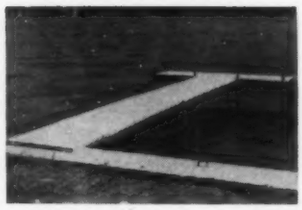
ALL-ALUMINUM PORTABLE PIER

Standard components can be used to build piers of any length, height and design, with or without wooden decking. Standard assembly consists of two round aluminum uprights with cast aluminum augers bolted to the bottom, one aluminum crossbar; two pair of adjustable cast aluminum clamps and two upright cap castings. Adjustable rail bracket assemblies for stringers also are available. Upright heights begin at 4' and are available in increment increases of 1 foot and crossbars in widths of 3, 3½ and 4 feet. All are of 2" O.D. extruded aluminum alloy with .062 wall thickness. Castings, including auger heads, are of alloy aluminum. Auger heads are self-securing and self-releasing. Wood decking, prime coated, is available in 10' lengths (consisting of three sections), in 3, 3½ and 4 foot widths. Either aluminum or wood stringers can be used to support decking.

MFR., Metalloy Products Company, Hudson, Mich.

ALUMA-SPAN PIER

Lightweight aluminum pier can be built to desired length and shape and is easily installed and removed. Self-securing auger heads anchor solidly in any type of bottom. Standard assembly consists of 2 round uprights with cast aluminum auger heads; one aluminum



crossbar; two cast aluminum clamps and two cast aluminum stringer brackets. Uprights come in 4', 5', 6', 7', 8' and 10' heights; crossbars in 3', 3½' and 4' widths. Wood or aluminum decking available. Price: varies with size of pier.

MFR., Metalloy Products Co., Hudson, Mich.

REIMANN & GEORGER

BEACHER RAILWAY

Handles boats of any length with beams to 6', and weights to 1500 lbs. Boat is driven between mooring stakes, fastened with 2 elastic mooring straps and pulled up on shore. Carriage is made of steel channels and angles, mooring stakes of heavy rounded oak. Bow and stern supports are wood lined to protect boat. Price, $170 approximately, including 40' of track, with extra track sections available in 10' lengths. Hand winch or power winch is available at extra cost.

MFR., Reimann & Georger, Inc., 1849 Harlem Rd., Buffalo 12, N. Y.

SEABRIGHT MARINE

EMMICK DOCK WHEEL

Has heavy-duty iron base, heavily galvanized, and requires no maintenance except occasional lubrication. Wheels are fitted with resilient, oversize white rubber tires, and allow free up-and-down play so wheel will roll and ride with listing of boat. Prices, Model 275-C 10" corner mount, $39.50 pr.; 275-S 10" side mount, $39.50 pr.; 300-C 12" corner mount, $55 pr.; Model 300-S 12" side mount, $55 pr.; 400-C 16" corner mount, $75 pr., and model 400-S 16" side mount, $75 pr.

MFR., Seabright Marine Hardware, division of Newport Supply Co., 1630 Superior Ave., Costa Mesa, Calif.

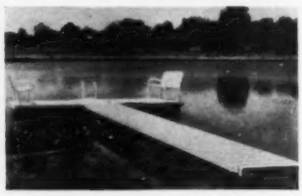
SEA OTTER BOATS

PONTOONS

Made up for pier and dock flotation.

MFR., Sea Otter Boats Co., 3265 W. Fullerton Ave., Chicago 47, Ill.

STANDARD STEEL PROD.



STEEL FLOATING DOCK

Suitable for installation where leg-supported pier is impractical, platform is basic 6'x16' size floating on two sets of twin steel pontoons, with 32' Standard Steel approach ramp, securely hinged at float and shoreline. Hinges compensate for wave action or water level changes. Dock or raft can be built any size or shape by adding 6'x8' floating sections. Also available are "patio-on-the-lake" docks, marina-boat lifts and covered boat lifts for larger boats.

MFR., Standard Steel Products Mfg. Co., 2836 S. 16th St., Milwaukee 15, Wis.

HOISTS

AUTO SPECIALTIES MFG. CO.

AUSCO BOAT JAX

Designed for the boat builder, repairer and owner, these jacks make turning of small craft an effortless one-man operation. Used on small boats of all types. Consists of a pair of jacks which attach to bow eyebolt and motor transom, index wheel and locking cam. Attaches near center of gravity, screw thread precision cut, ball bearing suspended. "Boat Jax" will lift a boat from the floor, turn it to any position and hold it there securely.

MFR., Auto Specialties Manufacturing Co., St. Joseph, Mich.

KING MFG. CO.

75 ELECTRIC HOIST

A compact unit used to pull boats into dry dock, or boat houses. It is equipped with a ¾ HP motor either single phase or three phase and is reversible for paying out cable. This model is push-button controlled so that operator can walk alongside of the boat while it is being pulled in. Brake on motor holds the load when current is off so no mishaps occur. Price, $485.

MFR., King Manufacturing Corp., 3139 W. Chicago Ave., Chicago 22, Ill.

12 S WINCH

Is equipped with ½ HP single or three phase electric motor. Operator can walk along with

the boat while operating the winch. Price, $245.

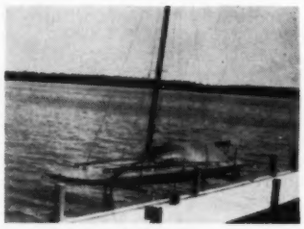
MFR., King Manufacturing Corp., 3139 W. Chicago Ave., Chicago 22, Ill.

9 CAPSTAN

Has 700 lb. pull and is equipped with a 2½ HP engine. Used with manila rope you can hold the load, lower the load, or pick up the load by merely tightening or loosening the wraps around the spool. Equipped with Briggs & Stratton air-cooled engines in various sizes and electric motors if desired. Portable enough to be moved from job to job. Weighs 226 lbs. Can be equipped with a bronze spool at additional cost. Price, $265.

MFR., King Manufacturing Corp., 3139 W. Chicago Ave., Chicago 22, Ill.

LANGE LIFT CO.



HOIST

Lifts to raise craft out of water for storage. List price $95 and up.

MFR., Lange Lift Company, 4275 N. 124th St., Milwaukee 10, Wis.

MADISON MARINE

RUNABOUT HOIST

1000 lb. capacity which will handle all outboard runabouts. Hoist is made in two A frames tied together on the top with angle irons. Each A frame can be installed separately and spaced according to the length of the boat. The angle irons on the top are then bolted to the A frames to hold it in position. Adjustments on all 8 legs of the hoist to take care of the unevenness of the lake bottom. Adjustment is made above the water. In taking hoist out of lake in the fall, remove the 4 bolts which hold the angle irons to A frames and each A frame is then carried separately to shore. Top brackets are available for $9.50. With these, an owner needs to only purchase 2x2's of desired length and place these on top of hoist. This makes a framework over which canvas covering can be placed to make a boat shelter as well as hoist. Price, $9.50.

OUTBOARD HOIST

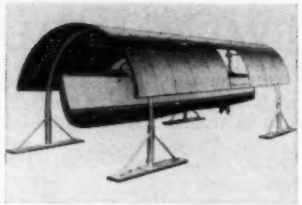
Designed to be taken in and out of the water in the Fall and Spring by separating the frames. Has adjustable legs for unevenness of the lake bottom. Capable of lifting up to 1000 lbs. Price: $149.50; top brackets available for $9.50.

MFR., Madison Marine Co., Box 92, Brainerd, Minn.

MANITOU PRODUCTS, INC.

SHELTER HOIST

A combined outboard hoist



and shelter which can be easily operated and which protects the boat from inclement weather. Unit consists of 5 basic parts which are easily and quickly installed. Two arched bows on legs equipped with mud plates are covered with a detachable fiberglass or aluminum roof. Hoists are lever operated and will lift boats to 2 tons. Clearance between supports is 8'2" and the roofs are available in various colors to 24' long. Features roll-back door, low silhouette and maximum protection to the boat's finish.

MFR., Manitou Products, Inc., Manitou Beach, Mich.

PORTAGE TRAILER CO.

BOAT HOIST

A dual purpose mobile boat and motor hoist. Can be used to mount heavy, large HP motors on boat transoms and to completely lift both outboard and motor for moving from one location to another. Built of alloy steel tubing. Will lift boats to 15' and 1500 lbs. Price, $225, f.o.b. Calif. A smaller mobile hoist for motors alone is also available. Price, $185, f.o.b. Calif. A deluxe model with two winches, one for the davit is also available. Price, $250.

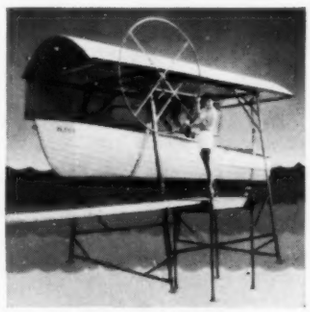
MFR., Portage Trailer Co., 7570 Woodman Ave., Van Nuys, Calif.

REIMANN & GEORGER

ELECTRIC BOAT LIFT

Model OB 1800, has heavy vertical supports and lifts boat higher than previous models. Designed for outboard cruisers up to 20' overall length, weighing 1,800 lbs. Electric and manual operation models.

MFR., Reimann and Georger, Inc., Buffalo, N. Y.



BOAT LIFT MODEL IB-2500

For inboard boats with lifting rings, this lift will handle inboards to 20' long, and 2500 lbs. Features include rigid frame of steel angles and channels, with each leg individually adjustable to suit irregular bottom conditions. End frames supporting lifting blocks are adjustable to match lifting eyes of boat. Lifting mechanism consists of galvanized wire rope rove through multiple wire blocks at each end and wound around a central drum, operated by 6' hand wheel. Other models are available to handle outboard cruisers and small outboards, with electric power drives available for all R&G boat lifts. Prices, from $87 to $295.

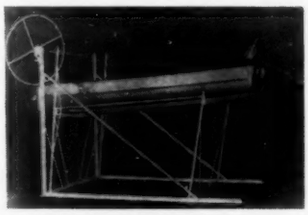
MFR., Reimann and Georger, Inc., 1849 Harlem Rd., Buffalo 12, N. Y.

SAGEN BOAT HOIST CO.

ALL-WELDED STEEL DOCK LADDER

Constructed of galvanized steel for strength and lightness, with pre-punched bolt holes for easy installation, tubular bottom braces for extra support. Safety features: rubber grasp caps fitted to ladder's top and rungs of flat oval tubing.

MFR., Sagen Boast Hoist Co., Weedsport, N. Y.



ELEVATOR BOAT HOIST

A vertical lift elevator boat hoist designed for those with a bulkhead or seawall waterfront. Float boat into cradles, pull control cord, and boat rides up to dock level. Launches the same way. Eliminates use of slings, spreaders and special lifting eyes. Features 1 HP 110-220 volt electric motor with 100:1 worm geared reducer. Available hand operated or motorized to 1000 lb. capacity. Cradle lifts to 8' high in standard model, other lifts optional. Cradle width 6'5". Heavy hot-dip galvanized or painted construction.

MFR., Sagen Boat Hoist Co., Weedsport, N. Y.

SASGEN DERRICK CO.

DERRICK HOISTS

All types, complete with hand, electric- or gasoline-powered winches. Complete information concerning type of service is required before details of specific hoist can be determined. Standard units available for every type of service.

MFR., Sasgen Derrick Company, 3107 Grand Ave., Chicago 22, Illinois.

LATE ARRIVALS & MISC.

ALLAN MARINE, INC.

ALLAN PRODUCTS

A varied line of marine products is offered, which includes aluminum boarding ladders, chromed deck hardware, trailer and bow lights, folding boat seats, bilge pumps, and windshield wipers for hand operation. Also 3", C. G. approved plastic boat letters and numbers.

MFR., Allan Marine, Inc., Hicksville, L. I., N. Y.

ARNOLT CORP.

AMANDA WATER SCOOTER

6'6"x3'10", scooter is fitted with Vincent Marine engines in various sizes, both single and twin engine models. Hull is of reinforced fiberglass. Made in England.

DIST., Arnolt Corp., Warsaw, Ind.

AUDIO EQUIPMENT CO.

PORTABLE ELECTRONIC MEGAPHONE

Effective overwater range up to half-a-mile. Weight: 5½ lbs. Designed with pistol grip. 3-stage amplifier, operated by standard dry batteries. Entirely self-contained audio hailer.

MFR., Audio Equipment Co., Inc., 805 Middle Neck Road, Great Neck, L. I., N. Y.

AUTO-MATIC PRODUCTS

No. OA-1C

ADMIRAL MARINE SIREN

12" x 8" x 6". Weight, 10 lbs. This siren is furnished with switch and cable, and is made for 6-12-24-32 or 110 volt operation. Price, $65.

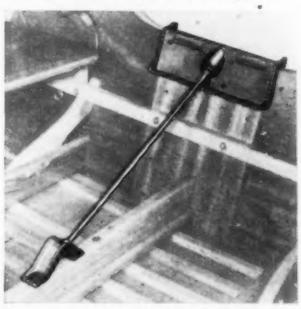
MFR., Auto-Matic Products Co., 2268 So. Parkway, Chicago 16, Ill.

No. OA-3C COMMANDER MARINE SIREN

10¼" x 5¾" x 4½". Weight, 5½ lbs. Furnished with switch and cable, this siren is made for 6-12-24-32-110 volt operation. Price, $35.

MFR., Auto-Matic Products Co., 2268 So. Parkway, Chicago 16, Ill.

BAY PATTERN WORKS



TRANSOM SUPPORTS

A transom support and reinforcement device for outboard boats utilizing large HP motors. Absorbs torsion and vibration stresses that tend to weaken transom assembly. Consists of heavy transom plate and ½" rod which rests in keel fitting. Also available for dual motor installation. Additional features are built-in drip pan and clamp stops to prevent upriding of motor. Installs easily on all boats regardless of transom height. Made of manganese bronze.

MFR., Bay Pattern Works, So. Mills Street, Sandusky, Ohio.

LATE ARRIVALS AND NEW ANNOUNCEMENTS

OUTBOARDS

FLEETFORM CORPORATION

COMMODORE 14

A complete line of fiberglass runabouts from 14 to 19′ is offered. Feature low-maintenance, stability, and fast performance. Illustrated is the Commodore 14′, a 63″ beam boat suitable for motors to 35 HP for fast water skiing. Also available is the 16′ model for two 40 or one 65 HP motor for speeds to 40 mph. The 19′ line is available in runabout or cruiser form with cabin, lockers, galley and berths for 2 to 4 persons. Power for the 19′ is two 50 or 65 HP motors for speeds to 40 mph. Optional equipment includes canvas or fiberglass top. A 15′ inboard model powered with a 65 HP Universal or 60 HP Cris Craft features a patent "Owen BalanStern" for maximum performance and constant planing angle. Prices, from $895.

MFR., Fleetform Corporation, Hicks Field, Ft. Worth, Texas.

REXCRAFT BOAT

REGENT

16′ boat has aluminum hull, twin locking stowage compartments, upholstered cushions of plastic, split spray rails, double-strength bottom stiffeners, Dow Styrofoam flotation and aft motor well with stowage room for two remote gas tanks and battery. Fully equipped with deck hardware, steering wheel, rigging, bow and stern lights and windshield.

MFR., Rexcraft Boat Division, Consolidated General Products, Inc., P.O. Box 7425, Houston 8, Tex.

STAMAS BOATS, INC.

STAMAS

A complete line of outboard runabouts suitable for cruising or water skiing. Feature excellent workmanship, wrap-around windshields, motor wells and deck hardware. Available in 14, 16 and 19′ models.

MFR., Stamas Boats Inc., Tarpon Springs, Fla.

INBOARDS

HENRY C. GREBE & CO., INC.

STANDARD 47

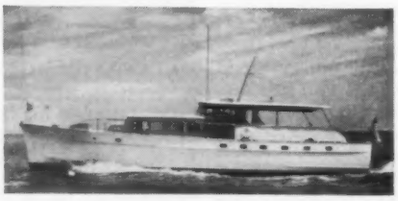
A 47′ cruising sportfisherman with a large fishing cockpit. Construction of Philippine mahogany over white oak frames. Keel and stem assembly white oak. Honduras mahogany superstructures and yacht-laid teak decks. All "Everdur" fastened. Features luxurious owner's stateroom and bath aft, guest or crew's quarters forward. Showers, electric marine toilets and pressure water system are standard equipment. Optional gasoline or diesel power. Price, from $57,000.

MFR., Henry C. Grebe & Co., Inc., 3250 N. Washtenaw Ave., Chicago 18, Ill.

STANDARD 54

A 54′ cruiser with two double staterooms and two baths aft, as well as crew's quarters forward. Philippine mahogany over white oak frames. White oak stem and keel assembly. All "Everdur" fastened. Showers, electric marine toilets, pressure water system are standard equipment. GM diesel powered. Other luxury yachts in the Grebe line from 47′ to 100′.

MFR., Henry C. Grebe & Co., Inc., 3250 N. Washtenaw Ave., Chicago 18, Ill.

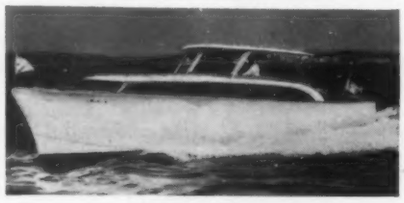


GREBE 65

A 65′ luxury motor cruiser featuring spacious salons, wide teak decks, and the traditional Grebe hull form. Philippine mahogany planking over white oak frames, white oak stem and keel assembly, all "Everdur" fastenings. Showers, electric toilets, pressure water systems are standard equipment. GM diesel power.

MFR., Henry C. Grebe & Co., Inc., 3250 N. Washtenaw Ave., Chicago 18, Ill.

POLY-CRAFT MARINE



POLY-CRAFT

A 35′ twin screw round bilge cruiser-sportfisherman from the board of Eldredge-McInnis of Boston. Built by "Down Easters," the keel assembly is of white oak, planking of mahogany is over white oak frames. Fastenings are of "Everdur," decks and self-bailing cockpit are teak. Flush cockpit is over 17′ long and has 6′2″ head room. Cabin sleeps 4 with additional space for 2 in the deck house, which can be completely enclosed with a white canvas snap-cover, and a rigid bulkhead. Powered with twin Chrysler Crown 125 HP marine engines with 2.04:1 reduction gear. Other features are Wilcox-Crittenden hardware, Marmac controls, Crowell hydraulic helm steering control, Columbia propellers, Danforth anchor, Allcraft Monel gas tanks. Optional features are flying bridge, bow and stern rails and fishing outriggers. Dimensions 35′ x 11′ x 3′. Price, $27,000.

MFR., Poly-Craft Marine, Div. The Poly-Choke Co., Inc., Box 296, Hartford, Conn.

RICHARDSON BOAT CO., INC.

EXPRESS 27

A round bilge boat with sleeping accommodations for four persons. Complete galley and toilet with full headroom. Trunk Cabin is light and airy with sliding glass windows and screens. Forepeak has two berths, ventilating hatch and two portlights. Heavy planking of cedar on steam-bent white oak frames. Single or twin power with hydraulic clutch controls and reduction gears available. A complete line of deep-water power boats is manufactured by Richardson from 27 to 43′ in many different cruiser and fisherman models.

MFR., Richardson Boat Co., Inc., North Tonawanda, N. Y.

EXPRESS CRUISER 30

30′x10′10″x2′6″. Freeboard forward 4′4″, aft 3′6″. Sleeps six in cabin with full headroom. Galley, dinette, enclosed head, ample stowage space. Construction of cedar planking over steam-bent frames. Twin power ranging from 95 to 155 HP for speeds to 30 mph. Also available in convertible, hard-top or sport-fisherman models. Hydraulic clutch controls and reduction geared drive are standard.

MFR., Richardson Boat Co., Inc., North Tonawanda, N. Y.

EXPRESS CRUISER 35

35′x11′6″x2′8″. Freeboard forward 5′, aft 3′6″. Sleeps six. Large trunk cabin and one level cockpit. Galley, dinette and enclosed toilet room. Constructed of cedar planking on steam-bent white oak frames. Keel, stem and knee timbers sawn white oak. "Everdur" fastened, Tobin bronze propeller and rudder shafts. Twin engines with reduction gears and hydraulic clutch controls standard equipment. Power options from 125 to 155 HP each.

MFR., Richardson Boat Co., Inc., North Tonawanda, N. Y.

MISC.

CHRIS-CRAFT

COMET
14′ boat features fins flanking cockpit to aft of the transom to increase freeboard. Seats 6. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

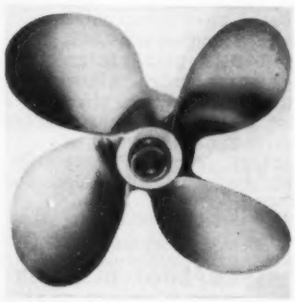
SPORTS UTILITY
16′ sports utility has beam of over 6½′ and can handle either single or twin outboards. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

SPORTS EXPRESS
19′ cruiser has two-sleeper cabin and one-piece molded fiberglass cabin roof. Pre-machined and prefabricated wood parts, non-ferrous fastenings and illustrated instructions included in kit.

MFR., Chris-Craft Boat Kit Division, Pompano Beach, Fla.

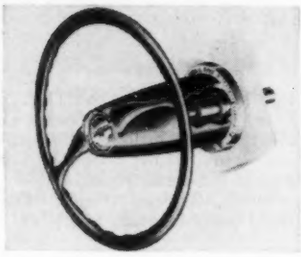
COLUMBIAN BRONZE



OUTBOARD PROPELLERS
Customized outboard propellers are designed to give better boating performance by taking hull, horsepower and load factors into account. They are available in 2, 3, and 4 blade models, in aluminum or bronze. Additional features include a rubber hub guard which protects gears when propeller strikes an obstacle.

MFR., Columbian Bronze Corp., Freeport, L. I., N. Y.

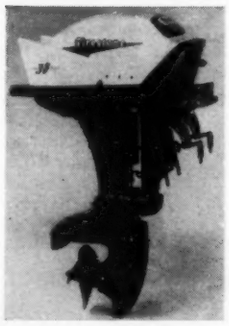
CURTISS-WRIGHT



SAFE-T-LOCK STEERER
A new boat steering system which utilizes a patented device to hold boat on course. Unit locks the steering cables, but not the wheel, firmly in position. Allows finger-tip control of boat with no whip at the wheel. Meets O.B.C. standards, fits all sizes of outboard motors, easily installed by owner.

MFR., Curtiss-Wright Corporation, Wood-Ridge, N. J.

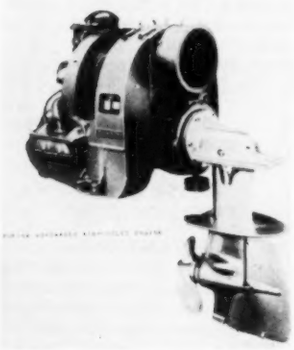
FIRESTONE



38 HP FIRESTONE
Electric starting motor delivers 38 HP at 4800 rpm. Features "Dyna-Spring" motor mount, underwater exhaust, soundproofed fiberglass hood, forward, neutral and reverse gearshift, built-in remote connections, remote fuel tank. Also available as drop-catch manual recoil start model. Price, electric model, $499.95. Other models in line are 16 HP, $365; 10 HP, $320; 5 HP, $225; and 3.6 HP, $125.

MFR., Firestone Tire & Rubber Co., Akron 17, Ohio.

FOREMOST



MIGHTY MARINER
A new vertical drive propulsion unit powered by an air-cooled Volkswagen engine. Combines all the advantages of an outboard with the convenience and safety of an air-cooled inboard power plant. Features 100% efficient traction-grip propeller, hydraulic single-lever clutch with reverse and idling positions. Special construction eliminates use of muffler but maintains quiet operation. Four cylinder, 4 cycle engine consumes only 1.6 gals. per hr. at 3000 rpm for 36 rated HP. Design incorporates a turboblower, exhaust and cooling-air escape, and electric starting. Also available with a Porsche air-cooled engine for 70 rated HP at 3600 rpm. Specifications available.

DIST., Foremost Commodities Corp., 220 Fifth Ave., New York 1, N. Y.

GARRETT CORP.

NORTHILL ANCHORS
An improved model of the Northill available in 5, 10, 24, 40, 59 and 91 lb. weights. Cast from "Ductilon," a high tensile steel alloy. Heat treated and hot-dipped galvanized for rust and corrosion resistance. Folds up for easy stowage.

MFR., Garrett Corporation, Air Cruisers Div., Belmar, N. J.

SMALL BOAT ANCHOR
A lightweight steel, corrosion resistant small boat anchor. Folds up and is easy to store. Weighs less than 3 lbs.

MFR., Garrett Corporation, Air Cruisers Div., Belmar, N. J.

GLEN L. MARINE

SQUIRT
10′x52″, hull weight, approximately 120 lbs. Boat carries 2, attains top speed of 30 mph at 20 HP. Hull is of plywood. Price, $54, including frames, transom, stem, breasthook, transom knee, plans and instructions. Also available: plans, patterns and instructions, $8.50; fiberglass covering kit, bottom only, $19.50, and fiberglass kit for bottom, sides and transom, $33.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

UTILITY
11′x60″, hull weight, approximately 130 lbs. Recommended for motors ranging from 1 to 10 HP, boat has top speed of 28 mph at 10 hp. Hull is of plywood. Price, $62, including frames, transom, stem, breasthook, transom knee, plans and instructions. Also available: plans and instructions, $5; plans, patterns and instructions, $8; fiberglass kit for bottom only, $27.50, and fiberglass kit for bottom, sides and transom, $40.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

TINY MIGHT
12′x5′1″. Attains top speed of 40 mph with 60 HP engines. It will take auto conversions, Gray Marine or other marine motors with a maximum weight of 300 lbs. Carries 2. Price, $80, including frames, transom, stem, breasthook, instructions and plans. Also available: plans, $8.50; plans, patterns, and instructions, $14.50; fiberglass kit for bottom only, $26.50 and fiberglass kit for bottom, sides and transom, $37.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

L. DORADO
13′x68″, hull weight, 260 lbs. For use with motors ranging to 40 HP. Price, $88, including transom, frames, transom knee, breasthook, stem, plans and instructions as well as full size patterns for carling and tail contour. Also available, plans, patterns and instructions, $16.25; fiberglass kit for bottom, sides and transom, $44.50, and fiberglass kit for bottom only, $27.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

Z-Z-ZIP
14′2″x5′9″, hull weight 325 lbs. Sport runabout is recommended for motors to 40 HP, with a top speed of 37 mph. Hull is of plywood. Price, $72.50, including transom, frames, stem, breasthook, transom knee, plans and instructions. Also available: plans and instructions, $7.50; plans, patterns and instructions, $12.50; fiberglass kit for bottom only, $28, and fiberglass kit for bottom, sides and transom, $46.50.

MFR., Glen L. Marine Designs, 9152 E. Rosecrans, Bellflower, Calif.

HACKENSACK CABLE CORP.

WIRE ROPE
A complete line of wire rope for all marine applications is manufactured. Includes stainless steel wire rope and cable, Nylon and Vinyl covered tiller cable, Monel wire rope and cable, bronze wire rope and cable.

MFR., Hackensack Cable Corporation, 110 Orchard St., Hackensack, N. J.

LUGER INDUSTRIES

JAGUAR
12′2″x62¼″ beam, weighs 240 lbs. For motors 5 to 40 HP. Top speed 40 mph at 40 hp. Carries 4. Hull ⅜″ 5-ply marine plywood planking, oak frames. Special features: two cockpits, seat backs, rear deck and mahogany decking. Price, $146.50, complete kit and freight. Available accessories: remote steering, $34.55, deck hardware and running lights, $25.35.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

PREMIER
14′1″x64″, weighs 285 lbs. For motors 5 to 40 HP. Top speed 40 mph at 40 HP. Carries 5. Hull ⅜″ 5-ply Marine fir plywood planking, oak frame.

Special features: Two cockpits, two seats with seat backs, rear deck, all mahogany decking. Price $206.75, complete kit and freight. Available accessories are same as "Ambassador" and "President."

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

AMBASSADOR

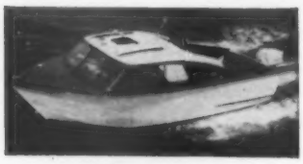
14'1"x64", weighs 265 lbs. For motors 5 to 40 HP. Top speed 40 mph at 40 HP. Carrying capacity 5. Hull 38" 5 ply marine fir plywood planking and oak frame. Special features: open cockpit with two seats, mahogany decking, 1½" transom thickness. Price $189.50, complete kit and freight. Available accessories: remote steering $33.50, deck hardware $12.15.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

CALIENTE

16'x71" beam, weighs 270 lbs. For motors 7½ to 60 HP. Top speed 40 mph at 60 HP. Carries 6. Hull ⅜" 5-ply Marine fir plywood planking and oak frame. Special features: ideal for rough water and hard usage. Open cockpit with two seats. Price $234.75, complete kit and freight. Available accessories: fiberglass hull covering kit $45.90, cruiser top, $49.95, windshield, $28.50.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.



VERA CRUZ

Overall length 18'x4"x93" beam. Recommended for motor 25-80 HP. Speed 30 mph at 40 HP. Hull ⅜" 5-ply marine fir plywood. Oak frames and structural pieces, mahogany decking. Sleeping accommodations for 2, cooking facilities. Space provided for head. Special features: One piece molded fiberglass cabin included with kit, wrap-around windshield molded into cabin. Price $595, complete kit, freight, molded fiberglass cabin with windshield, bunks, helmsman's seat. Available accessories are remote steering, $37.95, deck hardware and lights, $31.55.

MFR., Luger Industries, Inc., 3404 Lyndale Ave., So., Minneapolis 8, Minn.

MERRIMAN BROS., INC.

GIBB SELF-BAILER

Bailer operates at speeds of approx. 3 mph and higher. Has lever that locks bailer in closed position when at moorings or at low speeds. Fitting is flush with hull bottom when closed.

MFR., Merriman Bros., Inc., 185 Amory St., Boston 30, Mass.

LEWMAR SELF-BAILER

A "Lewmar" designed fitting with a non-return valve. Operates at speeds above approx. 3 mph; has self-sealing valve to insure accidental leakage when boat slows momentarily. Supplied with paper template to use in drilling mounting holes. Recommended for ¼" thick hulls.

MFR., Merriman Bros., Inc., 185 Amory St., Boston 30, Mass.

MURPHY DIESEL CO.

M-5-110

A complete line of marine generator sets from 64 to 165 KW in AC or DC current models. Model M-5-110 is illustrated. These generators supply auxiliary electrical power for vital requirements and various marine applications. 26 models of auxiliary generators in four or six cylinder models.

MFR., Murphy Diesel Company, 5317 W. Burnham St., Milwaukee 14, Wisc.

NORGE BOATS

NORGE KIM

A 23'7" masthead sloop. Designed as a keel day sailer by Jac. M. Iversen, the boat is stable and extremely fast under sail. 6'9" beam, 3'8" draft, 220 sq. ft. of sail. Features quality Scandinavian workmanship and materials. Price, approx. $3000.

DIST., Norge Boats, 75 Rowayton Ave., Rowayton, Conn.

NORGE KID

Norge boats feature a complete line of sailing craft that incorporate quality European workmanship and materials. The KID is 16'2"x5'9"x2'6" draft with board down. Carries 112 sq. ft. sail, weighs 550 lbs. Construction of lapstrake mahogany planking copper fastened. Egyptian cotton sails, ash or "Tuphnol" blocks, cotton halyards and sheets. Complete with oars, oarlocks and dock lines ready to sail. Price, $840. Other famous boats imported by Norge are: Cutlass, 23' MORC sloop; Shaw, 24' MORC keel centerboard yawl; Nordic Folkboat, 25' sloop; Honeymoon, 24' auxiliary sloop; Norvega, 27' keel sloop; Norseman, 30' auxiliary keel sloop; Norsaga, 32' keel sloop and Musketeer, 40' keel yawl.

DIST., Norge Boats, 75 Rowayton Ave., Rowayton, Conn.

OWENS YACHT CO.

FOAM RUBBER MATTRESS

Fits "hideaway" bow bunk in all Owens 19' runabouts, standard inboard or outboard, or deluxe inboard. Price, $50.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

FIBERGLASS HARDTOP

Molded of single unit of fiberglass, this top is designed for all Owens 19' runabouts, standard inboard or outboard, or deluxe inboard. Top attaches to windshield and side decks. Price, $195.

MFR., Owens Yacht Co., Inc., Baltimore 22, Md.

RANDOLPH SHOE CO.

RANDY BOATSHU

A deck shoe with a slip resistant sole which will not pick up sand. Comfortable cushion arch and insole. In an attractive four-color box illustrating rules of the road, international flag signals, buoy guides, chart abbreviations, and storm warnings, for paste-up reminders on-board.

MFR., Randolph Shoe Co., Randolph, Mass.

RICHARDS AQUA-LUNG CENTER

CO_2 LIFE JACKET

An inflatable life jacket worn deflated around the waist or the neck, inflates instantly with a CO_2 mechanism. Designed to keep the head out of the water. Manufactured of rubber proofed cotton drill. Price $9.95. Replacement CO_2 packs, $1.95.

DIST., Richards Aqua-Lung Center, 235 W. 42nd St., New York 36, N. Y.

SILVER CREEK PRECISION CORP.

SILVERTROL

An all electric trolling motor for fishing, which features push-button control switch for four different speeds. $97.50. Also a single speed model available for $64.50.

MFR., Silver Creek Precision Corp., Silver Creek, N. Y.

SOUTHERN PRECISION INSTRUMENTS

NO. 507

SPI telescope with tripod, 30 power, 40 mm. Length closed 24", extended 26¼". Price, $17.50.

DIST., Southern Precision Instruments, 710 Augusta St., San Antonio 2, Tex.

SPERRY TOP-SIDER FOOTWEAR

TOP-SIDER FOOTWEAR

Shoes have patented fine-slit squeegee soles for firm grip on slippery decks. New methods include smoked-elk leather oxford for women and natural color "Light-Buoy" style for men and women. Also shoes and suits for foul weather.

MFR., Sperry Top-Sider Footwear, 15 Main St., Beacon Falls, Conn.

SUDBURY LABORATORY

BOAT-ZOAP

May be used with salt or fresh water, for all cleaning jobs, including galley, paint work, engine, gull droppings and harbor scum. It is non-caustic. Prices, 8 oz. bottle, $0.79; pint cans, $1.29, and gallons, $7.50.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

GALVA-COAT

Brush-on-liquid zinc coating (95% metallic zinc) protects metals against rust and corrosion, and will not blister or lift. It may be used as undecorating for ordinary paint or as finish coat on all metal structures. Price 5 lbs. (approx. 1 qt.), $8.95.

MFR., Sudbury Laboratory, So. Sudbury, Mass.

TEMPO PRODUCTS CO.

FUEL TANKS

Tanks feature terne plate lead-coated steel construction with welded body seams and built-in baffles, plus a three way safety gas gauge. Allowance is made for adding oil, plus a five per cent expansion space above the fuel level.

MFR., Tempo Products Co., 6515 Carnegie Ave., Cleveland 3, Ohio.

CHARLES ULMER, INC.

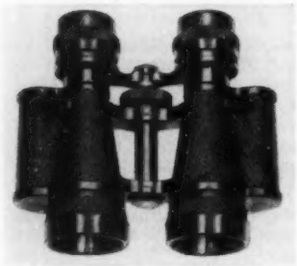
WATERPROOF BLANKET

Waterproof blanket is also mildew and odor-proof. Two-ply blankets are made of dynal fabric and vinyl. Launder in warm water. Available in blue, green, grey, red and maroon. Size, 48"x80". Price, $19.50. Also foul weather gear and small carrying bags.

MFR., Charles Ulmer, Inc., City Island, N. Y.

MARINE BLANKETS
100 per cent water proof, mildew-proof and odor proof blankets. Two-ply blankets are made of dynal fabric and waterproof vinyl. Available in blue, gray, red, green and maroon. Price, $19.50.
MFR., Charles Ulmer, Inc., City Island 64, N. Y.

UNITED BINOCULAR CO.



7x35 FIELD GLASS
Precision made field glasses weigh 13 oz., stand 4¾" high. Glasses come with leather carrying case and straps. Price, $14.95 plus 10 per cent Federal tax.
MFR., United Binocular Co., 9043 S. Western Ave., Chicago 20, Ill.

WELTER & SON

BIG GRIPPER ANCHORS
Plastic coated, snag-proof anchors available in two sizes: 8 lbs. for boats up to 16 feet and 14 lbs. for boats up to 24 ft. Price: 8 lb. anchor, $5.95; 14 lb. anchor, $9.95.
MFR., Welter & Son Mfg. Co., P.O. Box 123, Lake Geneva, Wisc.

WILCOX-CRITTENDEN

RACING FINS
Three new racing fins now available cast of high tensile aluminum.
MFR., Wilcox-Crittenden Division, North & Judd Manufacturing Co., Middletown, Conn.

JOHN WRIGHT JR.

PENGUIN CLASS
The Penguin class boat is offered in either finished or kit form. Kits consist of planked hull with all necessary parts and fastenings to complete the boat. Varnished spars are included. Also available in kit or finished form are Jet 14, Cadet, Moth, G.P. 14, Flying Dutchman, and Blue Jay class boats. Manufacturer also offers a rigging service consisting of swaging, nico-press, and hand splicing for all sizes of wire rope. Spars for Moths, Penguins, Comet, and Lightning class boats are carried in stock.
MFR., John Wright Jr., Wright Boats, Philadelphia, Pa.

WATER SKI EQUIPMENT

American Pad & Textile Co., So. Washington St., Greenfield, Ohio.
Aqua-Glide Div., Consolidated Research & Development Corp., 1530-34 South Myrtle Ave., Monrovia, Calif.
Aqua-Sport Equipment Co., Box 110, Kerrville, Tex.
Cypress Garden Skis, Inc., P.O. Box 1380, Winter Haven, Fla.
Dyer Specialty Co., Box 1054, Whittier, Calif.
Hedlund Mfg. Co., Box 152, Nokomis, Ill.
Kimball Mfg. Corp., Harbor at Mill Sts., San Rafael, Calif.
Lafayette Supply Co., West Lafayette, Ohio.
Lauderback Industries, 7533 N.E. Killingsworth, Portland, Ore.
Madison Marine Co., Brainerd, Minn.
Paris Mfg. Co., South Paris, Maine.
Reimann & Georger, Inc., 1849 Harlem Rd., Buffalo 12, N. Y.
Sea Mate Products Co., Box 210, Summit, Penna.
Alva T. Smith Co., 631 E. Center St., Milwaukee 12, Wisc.
Style-Crafters, Inc., P.O. Box 3277, Sta. A., Greenville, S. C.
Thompson Ski Co., Criuitz, Wisc.
Velrob Mfg. Co., 1409 Lombard, Everett, Wash.
White Bear Ski Co., Box 87, White Bear Lake 10, Minn.
Wisconsin Ski Co., P.O. Box 416, Oconomowoc, Wisc.

TRAILER ACCESSORIES

The Airoller Co., Boston Post Rd., Guilford, Conn.
Auto-Marine Div., Attwood Vacuum Machine Co., Rockford, Ill.
Consolidated Specialties Co., 206 Michigan Ave., Toledo, Ohio.
Dico Co., 200 S.W. 16th St., Des Moines, Iowa.
J. C. Dobler Co., 801 8th St., Manhattan Beach, Calif.
Draw-Tite Co., Belleville, Mich.
Eastern Rotorcraft Co., P.O. Box 110, Doylestown, Penna.
Fleetcraft Marine Sales, 1235 E. Florence Ave., Los Angeles 1, Calif.
The Fulton Co., 1912 S. 82nd St., Milwaukee, Wisc.
Grote Mfg. Co., Bellevue, Ky.
Haylburton Co., 5 Carrl Rd., Middletown, Conn.
Lake Mfg. Co., 411 E. Kalamazoo St., Lansing 12, Mich.
Market Forge Co., 35 Garvey St., Everett 49, Mass.
Metal Co., 1475 67th St., Emeryville, Calif.
Miles, Inc., 307 E. Hennepin Ave., Minneapolis 14, Minn.
Thomas Taylor & Sons, 50 Houghton St., Hudson, Mass.
Vac-O-Grip Co., 3419 E. Lincolnshire Blvd., Toledo 6, Ohio.

MARINE TOOL MANUFACTURERS

Arrow Metal Products Co., 421 West 203rd St., New York 34, N. Y. Portable electric "Arco Screw-Drill", etc.

Black & Decker Mfg. Co., Towson 4, Md. ¾-HP "Heavy-Duty Router" for joinery and cabinet work.

Charles Machine Co., P.O. Box 63, Springfield, N. J. Contour scriber for fitting linoleum, tile, wood, plastics, sheet metal, etc.

Detroit Surfacing Machine Co., 1333 E. Eight Mile Rd., Detroit 20, Mich. "Easy Sander" #990 for materials including fiberglass.

W. L. Fuller, 1165 Warwick Ave., Providence 5, R. I. Countersinks, counterbores, plug cutters and drills.

Martindale Electric Co., Box 617, Edgewater Branch, Cleveland 7, O. Seam-Router, with carbide-tipped chippers, powered by ⅛ HP a.c. or d.c. motor.

Miterite, Inc., Dept. PB, Campbell, Calif. A compound angle calculator.

Millers Falls Co., Greenfield, Mass. Router-plane-shapers, hacksaw blades, trimming bits, grinding wheels, files.

Peninsula Tool Co., Menominee, Mich. Belt sander, 3"x 24", a.c.-d.c.

Porter-Cable Machine Co., Syracuse, N. Y. Power driven sanders, saws, drills.

Skil Corp., 5033 Elston Ave., Chicago 30, Ill. Power driven saws, sanders, grinders, drills —portable, stationary; hand tools.

Stanley Tools, Div. of The Stanley Works, 111 Elm St., New Britain, Conn. A new, Safety-Ball Peen Hammer.

Welter & Son Mfg. Co., P.O. Box 123, Lake Geneva, Wis. Rapid paint mixers.

Wen Products, Inc., 5808 Northwest Highway, Chicago 31, Ill. "Quick-Hot" electronic soldering gun.

Western Abrasives, 2131 S. E. Sixth, Portland 14, Oregon. "Sand-O-Grind" grinding wheels.

Zee, Incorporated, 1784 Summer St., Stamford, Conn. Carton opener, cutter and scraper trade-marked "DOOzee".

PAINTS, VARNISHES, SEALERS, FIBERGLASS PRODUCTS

Alroy Process Corp., 6 E. 46th St., New York 17, N. Y. AR-707 no-cotton caulking, AR-711 coating in 8 colors plus clear, AR-703 marine glue, plywood and fiberglass patching material, and plywood protector.

Baltimore Copper Paint Co., 501 Key hwy., Baltimore 30, Md. Stock boat colors, satin-finish varnish, plywood sealer, silicone polish, and trowel cement.

George A. Barker Engineering Co., 4717 Yuma St., N.W., Washington 16, D. C. Storize "Polarized" rust inhibitor.

Barrett Division, Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y. Resin #3725 phenolic, non-heat-reactive oil-soluble resin for use in marine spar varnishes.

Beverly Manufacturing Co., 9118 S. Main St., Los Angeles 3, Calif. Famowood all-purpose plastic for wood finishes.

Borden Company, Chemical Division, 350 Madison Ave., New York, N. Y. "Elmer's" waterproof glue for boatbuilding applications. Called "Cascophen" in industrial quantities.

Howard F. Borroto, 1245 Van Buren St., Hollywood, Fla. Kno-Rust anti-corrosive compound.

Andrew Brown Co., P. O. Box 22066, Los Angeles 22, Calif. Z-Spar Supreme Marine finishes, including gloss enamels and white undercoat.

Cadillac Plastic Co., 2111 Olive St., St. Louis 3, Mo. Fiberglass boat kits for treating new or old wood boats contain fiberglass cloth, polyester-base resin, hardening agent and pigment.

H. A. Calahan, Inc., 859 Mamaroneck Ave., Mamaro-

neck, N. Y. Seaprene boat covering, sheets of synthetic rubber to be bonded to the boat; also Celastic, chilled varnish, chilled paint, 3-Ton Adhesive and Dumbbell Puddening, a fendering.

Canton Chemical Corp., Wilmington 99, Del. Alumite, a cleaner, polisher and protector for aluminum, brass and chrome.

M. L. Condon, 250 Ferris Ave., White Plains, N. Y. A complete line of air dried boat building woods. Also rare woods for trim.

Cordo Chemical Corp., 34 Smith St., Norwalk, Conn. "Cordoglas" Epoxy resin fiberglass covering kits. "Speedkit" for boats 12, 14 and 16 feet. Includes cloth.

Dolphin Paint & Varnish Co., 941 Locust St., Toledo 3, Ohio. Dolfinite paints, varnishes, enamels and seam and bedding compounds.

Cuprinol Division, Darworth, Inc., Simsbury, Conn. Cuprinol wood preservative, rope preservative, Odor Free, Grease Off and Sav-It.

Dunn-Rainey Co., 4461 W. Jefferson Ave., Detroit 9, Mich. "Admiral" marine seam compound.

Federal Paint Co., 33 Rector St., New York 6, N. Y. "Secret Agent," 'aluminescent' paint additive.

L. W. Ferdinand & Co., Inc., 2300 Washington St., Newton Lower Falls 62, Mass. Ferdiseal, liquid marine sealer, Ferdico canvas cement, Ferdico XX marine glue composition for double planking, Ferdico bedding compound, Ferdico rubber compound. Also Seamseal for marine planking seams, Jeffery's marine glue and Marine Brand gasket cement.

Fiber Glass-Evercoat Co., Inc., 7229 Vine St., Cincinnati 16, Ohio. Everstrip paint and varnish remover, "Promoter A" cure-accelerating agent for fiberglassing, Evercoat "Epoxy Paints" marine finishes and "Formula 27" polyester putty.

Fiber-Resin Corp., 1914 W. Burbank Blvd., Burbank, Calif. Fiberglass cloth, fiberglass matt, fiberglass tapes, S.6 polyester laminating resins, Marine-Glo polyester plastic coatings and polyester color coats, and Epo-Glas Epoxy laminating resins.

The Flood Co., Hudson, Ohio. Penetrol paint additive and wood preservative.

Glass Plastics Corp., 1605 W. Elizabeth Ave., Linden, N. J. Boat Armor fiberglassing materials, Boat Armor seam filler and patching compound and thinner; Titan-Tite adhesives, Blue Sheen fiberglass cloth, Titan-Tite Mix 'n Fix putty and solder compound, Epoxy finishes for fiberglass surfaces and Boat Armor fiberglass primer.

Guest Products Corp., 3504 30 St., Long Island City, N. Y. Guest Bilge Pak, a chemical placed in the bilge to retard dry rot. Guest Bilge Kleen, a safe powerful bilge cleaner. Guest Bristol Brite, a chrome and brass polish, Guest Rustopper, in powder form to retard oxidation. Guest Quik Heet, a liquid fuel for alcohol stoves.

Henderson & Johnson, Inc., Gloucester, Mass., distributors of Tarr & Wonson, Ltd. products. Gloucester Sea Jacket marine finishes.

International Paint Co., Inc., 21 West St., New York 6, N. Y. Interlux paints and varnishes, Pro-lux system of painting, and Winterkote coating.

E. & F. King & Co., Inc., Norwood, Mass. Permodip wood preservative, Marblehead Anti-Fouling bottom composition, and Grain Tame, a wood sealer.

Kristal Kraft, Inc., 900 4th St., Palmetto, Fla. Fillit, Resiglas resins, Gel Cote, Unipoxy resins, Florida varnish, catalysts, hardeners, color pigment pastes and fiberglass cloth.

Krylon, Inc., 18 W. Airy St., Norristown, Pa. High-Gloss and Satin-Finish All-Purpose varnish sprays, battery terminal coating protector spray, Rust Release oil and solvent spray.

H. B. Fred Kuhls, 3rd Ave. & 65th St., Brooklyn 20, N. Y. Elastic seam compositions, glues, cements and preservatives, and Woodtex wood plastic and Woodtex surfacer.

Magic Iron Cement Co., Inc., 5403 Bower Ave., Cleveland 27, Ohio. Magic plastic aluminum, Easy Spray enamel, muffler sealer, Tite-Grip white glue, Porcelain spray, and clear plastic spray.

Magnus Chemical Co., Inc., Garwood, N. J. Magnus Water-White Clear Coating FF-111.

Marine Products, Inc., 783 Pearl St., Oshkosh, Wisc. Marprox rubber sealers, sealer solvent, seal patch, metal mastic and cements, and Lakerfill plastic putty and surfacer.

Metallic Coatings Corp., 919 N. Michigan Ave., Chicago 11, Ill. Coperoyd and Coperit anti-fouling bottom coatings, Coperoyd #5 thinner, Coperoyd metal primer, wood sealer and fresh water bronze.

Mint Spray, 23 N. Wacker Drive, Chicago 6, Ill. Spraint marine finishes.

Mono-Seal Products, Everett 49, Mass. Mono-Seal protective marine coating.

National Casein Co., 601-619 W. 80th St., Chicago 20, Ill. DR powdered resin glue and R3 Resorcinol resin glue.

Neehi Protective Coatings, Inc., 340 W. Hoffman Ave., Lindenhurst, N. Y. Neehi fiberglass cloth, plastic boat resins, plastic epoxy resins, colors and additives for boat resins and fiberglass patching and repair kits.

Pittsburgh Plate Glass Co., 632 Fort Duquesne Blvd., Pittsburgh 22, Pa. Marine finishes, Pittsburgh Marine Anti-Fouling and Anti-Corrosive paints, Waterspar enamel, Waterspar spar varnish and "Rinse Away" paint and varnish remover.

Protective Coatings, Inc., 807 N. Fremont St., Tampa, Fla. Proco Anti-Fouling coating, Proco Super Anti-Fouling coating, Proco colored Epoxy coating, Transylmarine "Vinyl-Hyde" fiberglass and vinyl boat coating kit, Transylmarine "Liqid Tile" epoxy coating, Transylmarine Liqid Neoprene and thinner and Cardoglas.

Protection Products Manufacturing Co., 2305 Superior Ave., Kalamazoo, Mich. Marine Type Woodlife and Stormy Weather.

Sav-Cote Chemical Laboratories, P. O. Box 95, Belleville 9, N. J. Sav-Cote "liquid plastic" finish.

Schramm Fiberglass Products, Inc., 3010-12 W. Montrose Ave., Chicago 18, Ill. Plastishel fiberglass covering kits, polyester resins, Fybrglas repair kits and epoxy resins and adhesives, Bondzall polyester filler and solder, and Twinweld epoxy adhesive, filler and solder.

Smooth-On Manufacturing Co., 572 Communipaw Ave., Jersey City 4, N. J. Metalset A4, aluminum-filled epoxy resin cement, and Sonite LM-1, epoxy laminating resin compound.

Stay-Tite Products Co., Inc., Cleveland 4, Ohio. Neoprene Stay-Tite All Seal, Neoprene Stay-Tite rubber caulking compound and Stay-Tite FAS patcher.

Surface Coating Engineers, Inc., 272 Doremus Ave., Newark 5, N. J. Vinylon liquid plastic marine finish.

Tarp-Seal Adhesives, 2555 Boston Road, New York 67, N. Y. Tarp Seal Neoprene Mastic Adhesive-Sealer. For many marine applications including bedding new construction.

Travaco Laboratories, 233 Condor St., East Boston 28, Mass. Marine-Tex self-hardening plastic metal for repairs.

United Plastic Products Co., Florence, N. J. Fibre Glasscote, complete line of materials for marine patching and coating, and Fibre Glasscote pigments.

United States Plywood Corp., 55 W. 44th St., New York 36, N. Y. Royal Marine Weldwood, and Weldwood waterproof resorcinol glue.

Wilco Co., 4425 Bandini Blvd., Los Angeles 23, Calif. Wilco Scratch removing compound and Wilco Anti-Static plastic cleaner.

Wilmington Boat Works, Inc., Wilmington, Calif. Wilbo spar varnish.

C. A. Woolsey Paint & Color Co., Inc., 205 E. 42nd St., New York 17, N. Y. Woolsey bottom paints, topside and deck finishes, varnishes, sealers, fillers, compounds and marine paint specialties.

MARINE LUMBER

Spars.

MFR., American Boom Co., Fairview Beach, Pasadena P. O., Md.

Douglas fir plywood panels 48 x 96 through 48 x 228.

MFR., Anacortes Veneer, Inc., P. O. Box 71, Anacortes, Wash.

Demerara Greenheart Marine lumber.

MFR., Greenheart (Demerara), Inc., 52 Vanderbilt Ave., New York 17, N. Y.

Honduras mahogany.

DIST., Gulf Enterprises, Inc., P. O. Box 5246, New Orleans, La.

African Marine plywood.

MFR., The Harbor Sales Co., Inc., 1501 S. Warner St., Baltimore, Md.

Deck plugs in oak, walnut, mahogany, teak.

MFR., George V. Iaccino, 90 Wilson Dr., New Rochelle, N. Y.

Hardwood plywood.

MFR., Jasper Wood Products Co., 13th & Leopold Sts., Jasper, Ind.

Sitka spruce wood products.

MFR., Lister Bros., 222 W. 5th Ave., Vancouver 10, Canada.

Foreign and domestic marine lumber.

MFR., J. H. Monteath Co., 2500 Park Ave., New York, N. Y.

Mahogany, cedar and oak marine lumber.

MFR., Partee Boat Mfg. Co., 104 Coles Ferry Pike, Lebanon, Tenn.

Marine plywood.

MFR., Southern Plywoods, Inc., P. O. Box 448, Greenville, Fla.

African, Honduras mahogany and teak lumber.

MFR., Ichabod T. Williams & Sons, 220 11th Ave., New York 1, N. Y.

BOAT INSURANCE COMPANIES

Aetna Casualty & Surety Co.
Hartford, Connecticut

Aetna Insurance Company
Hartford, Connecticut

American Casualty Co.
Reading, Pennsylvania

Appleton & Cox, Inc.
111 John Street
New York 38, N. Y.

Atlantic Mutual Insurance Co.
49 Wall Street
New York, N. Y.

Boston Insurance Company
87 Kilby St.
Boston 2, Mass.

Carpinter & Baker
99 John Street
New York 38, N. Y.

Commercial Union Assurance Co., Ltd.
156 William Street
New York, N. Y.

Chubb & Son
90 John Street
New York 38, N. Y.

Crum & Forster
110 William Street
New York 38, N. Y.

Fire Association of Philadelphia
401 Walnut Street
Philadelphia 6, Pa.

Fireman's Fund Insurance Co.
116 John Street
New York 38, N. Y.

General Insurance Company of America
1201-4th Avenue
Seattle 1, Washington

Hartford Fire Insurance Co.
Hartford 15, Connecticut

The Home Insurance Co.
59 Maiden Lane
New York 8, N. Y.

Insurance Company of North America
1600 Arch St.
Philadelphia 1, Pa.

Liberty Mutual Insurance Company
175 Berkeley Street
Boston 7, Mass.

Marine Office of America
116 John Street
New York 38, N. Y.

New Hampshire Fire Insurance Co.
Manchester, New Hampshire

North America Companies
1600 Arch St.
Philadelphia, Pa.

North British & Mercantile Insurance Co.
55 John Street
New York 38, N. Y.

Providence Washington Insurance Co.
Providence, Rhode Island

The Travelers Indemnity Company
700 Main Street
Hartford 15, Conn.

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Pennsylvania Refining Co.
Quaker State Oil Refining Corp.
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Sonneborn, L., Sons, Inc.
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Stay-Tite Products Co.
Texas Co., Marine Sales Div.
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Texas Co., The
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